

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081123\
 Data File : VY015045.D
 Acq On : 11 Aug 2023 08:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/11/2023
 Supervised By :Mahesh Dadoda 08/15/2023

Quant Time: Aug 11 14:25:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	303635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	496052	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	439220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	219643	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	189641	51.531	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.060%			
35) Dibromofluoromethane	7.716	113	172630	54.421	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.840%			
50) Toluene-d8	10.179	98	639726	52.984	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.960%			
62) 4-Bromofluorobenzene	12.483	95	224712	52.512	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.020%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	74715	43.956	ug/l	95
3) Chloromethane	2.113	50	112811	47.209	ug/l	99
4) Vinyl Chloride	2.247	62	135559	46.038	ug/l	97
5) Bromomethane	2.644	94	105547	56.545	ug/l	99
6) Chloroethane	2.790	64	103398	50.860	ug/l	98
7) Trichlorofluoromethane	3.119	101	222374	47.791	ug/l	98
8) Diethyl Ether	3.528	74	88403	51.487	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.893	101	133140	48.336	ug/l	96
10) Methyl Iodide	4.088	142	144699	50.810	ug/l	98
11) Tert butyl alcohol	4.960	59	151111	170.137	ug/l #	83
12) 1,1-Dichloroethene	3.869	96	117958	49.149	ug/l	90
13) Acrolein	3.729	56	78197	258.805	ug/l	99
14) Allyl chloride	4.473	41	201877	50.512	ug/l	97
15) Acrylonitrile	5.161	53	281726	268.576	ug/l	100
16) Acetone	3.948	43	321682	280.312	ug/l	92
17) Carbon Disulfide	4.192	76	240712	45.363	ug/l	98
18) Methyl Acetate	4.473	43	241928	57.889	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	475873	52.409	ug/l	99
20) Methylene Chloride	4.710	84	186049	39.857	ug/l	88
21) trans-1,2-Dichloroethene	5.216	96	136193	49.784	ug/l	96
22) Diisopropyl ether	6.119	45	483464	51.934	ug/l #	91
23) Vinyl Acetate	6.058	43	1361670	243.327	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	272487	51.604	ug/l	97
25) 2-Butanone	6.984	43	447143	272.037	ug/l	95
26) 2,2-Dichloropropane	6.978	77	263491	49.316	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	180238	52.062	ug/l	94
28) Bromochloromethane	7.332	49	114542	48.120	ug/l	91
29) Tetrahydrofuran	7.350	42	256508	266.118	ug/l	90
30) Chloroform	7.502	83	302904	52.808	ug/l	97
31) Cyclohexane	7.783	56	185564	48.648	ug/l	89
32) 1,1,1-Trichloroethane	7.704	97	268240	53.065	ug/l	99
36) 1,1-Dichloropropene	7.917	75	195604	49.667	ug/l	98
37) Ethyl Acetate	7.076	43	162023	51.830	ug/l #	94
38) Carbon Tetrachloride	7.899	117	231141	52.207	ug/l	99
39) Methylcyclohexane	9.185	83	220275	47.033	ug/l	92
40) Benzene	8.161	78	591492	51.005	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081123\
 Data File : VY015045.D
 Acq On : 11 Aug 2023 08:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/11/2023
 Supervised By :Mahesh Dadoda 08/15/2023

Quant Time: Aug 11 14:25:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	88346m	58.154	ug/l	
42) 1,2-Dichloroethane	8.234	62	208851	51.738	ug/l	96
43) Isopropyl Acetate	8.271	43	305923	52.673	ug/l	97
44) Trichloroethene	8.941	130	175164	52.641	ug/l	97
45) 1,2-Dichloropropane	9.216	63	158730	51.502	ug/l	98
46) Dibromomethane	9.307	93	104489	52.628	ug/l	97
47) Bromodichloromethane	9.496	83	243702	53.303	ug/l	98
48) Methyl methacrylate	9.295	41	135516	53.180	ug/l	93
49) 1,4-Dioxane	9.301	88	38482	1042.029	ug/l #	52
51) 4-Methyl-2-Pentanone	10.069	43	901277	275.367	ug/l	94
52) Toluene	10.246	92	383603	51.403	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	254409	53.433	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	270543	52.593	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	151244	52.413	ug/l	97
56) Ethyl methacrylate	10.508	69	224542	54.343	ug/l	90
57) 1,3-Dichloropropane	10.788	76	248553	52.062	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	444470	227.501	ug/l	92
59) 2-Hexanone	10.831	43	678481	280.617	ug/l	92
60) Dibromochloromethane	10.984	129	186702	54.339	ug/l	99
61) 1,2-Dibromoethane	11.087	107	146369	53.141	ug/l	100
64) Tetrachloroethene	10.721	164	191974	58.106	ug/l	97
65) Chlorobenzene	11.514	112	440128	52.809	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	180078	55.141	ug/l	99
67) Ethyl Benzene	11.593	91	776134	53.064	ug/l	99
68) m/p-Xylenes	11.703	106	591029	105.630	ug/l	96
69) o-Xylene	12.032	106	293488	53.605	ug/l	98
70) Styrene	12.044	104	507324	54.220	ug/l	97
71) Bromoform	12.209	173	130565	58.003	ug/l #	97
73) Isopropylbenzene	12.331	105	790642	53.549	ug/l	99
74) N-amyl acetate	12.142	43	267373	53.002	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	192987	53.486	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	155945m	59.253	ug/l	
77) Bromobenzene	12.611	156	189183	52.824	ug/l	98
78) n-propylbenzene	12.672	91	930186	52.674	ug/l	99
79) 2-Chlorotoluene	12.758	91	530308	52.691	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	656554	53.961	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	68640	57.456	ug/l	96
82) 4-Chlorotoluene	12.855	91	553737	53.221	ug/l	100
83) tert-Butylbenzene	13.075	119	590828	53.082	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	651362	53.433	ug/l	99
85) sec-Butylbenzene	13.251	105	866945	53.070	ug/l	99
86) p-Isopropyltoluene	13.367	119	723679	53.518	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	373282	53.249	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	371794	53.182	ug/l	99
89) n-Butylbenzene	13.696	91	655186	51.569	ug/l	96
90) Hexachloroethane	13.959	117	143695	54.722	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	345826	53.453	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	38706	54.941	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	218307	52.731	ug/l	98
94) Hexachlorobutadiene	15.111	225	116714	51.989	ug/l	98
95) Naphthalene	15.233	128	576478	59.179	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	201973	53.897	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081123\
Data File : VY015045.D
Acq On : 11 Aug 2023 08:57
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 08/11/2023
Supervised By :Mahesh Dadoda 08/15/2023

Quant Time: Aug 11 14:25:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 08 07:44:56 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081123\
 Data File : VY015045.D
 Acq On : 11 Aug 2023 08:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 Client Sample Id :
 VSTDCCC050

Quant Time: Aug 11 14:25:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Romaben Patel 08/11/2023
 Supervised By : Mahesh Dadoda 08/15/2023

