

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060623\
 Data File : VY014046.D
 Acq On : 06 Jun 2023 21:16
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/07/2023
 Supervised By :Mahesh Dadoda 06/07/2023

Quant Time: Jun 07 01:44:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	215062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	329053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	320560	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	166364	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	143972	50.571	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.140%			
35) Dibromofluoromethane	7.722	113	121053	57.888	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.780%			
50) Toluene-d8	10.185	98	445218	55.815	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 111.640%			
62) 4-Bromofluorobenzene	12.483	95	158448	58.266	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 116.540%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	92213	48.731	ug/l	99
3) Chloromethane	2.113	50	116546	44.469	ug/l	100
4) Vinyl Chloride	2.253	62	116530	47.996	ug/l	100
5) Bromomethane	2.655	94	90204	42.667	ug/l	95
6) Chloroethane	2.796	64	79889	45.977	ug/l	98
7) Trichlorofluoromethane	3.131	101	206703	53.855	ug/l	100
8) Diethyl Ether	3.533	74	70082	46.575	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.899	101	105959	53.740	ug/l	99
10) Methyl Iodide	4.094	142	117082	43.086	ug/l	98
11) Tert butyl alcohol	4.978	59	73080	124.902	ug/l #	83
12) 1,1-Dichloroethene	3.881	96	99350	48.058	ug/l	94
13) Acrolein	3.735	56	43501	162.353	ug/l	96
14) Allyl chloride	4.484	41	183707	45.790	ug/l	98
15) Acrylonitrile	5.167	53	197396	236.405	ug/l	99
16) Acetone	3.960	43	158985	163.225	ug/l	100
17) Carbon Disulfide	4.198	76	274367	39.248	ug/l	99
18) Methyl Acetate	4.484	43	152756	43.408	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	332194	49.667	ug/l	95
20) Methylene Chloride	4.716	84	132062	50.137	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	117146	50.028	ug/l	99
22) Diisopropyl ether	6.124	45	420050	54.014	ug/l	98
23) Vinyl Acetate	6.063	43	1218970	249.906	ug/l	99
24) 1,1-Dichloroethane	6.021	63	226378	52.152	ug/l	98
25) 2-Butanone	6.990	43	251906	207.598	ug/l	97
26) 2,2-Dichloropropane	6.984	77	194558	49.388	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	140962	52.580	ug/l	97
28) Bromochloromethane	7.338	49	103309	50.395	ug/l	98
29) Tetrahydrofuran	7.356	42	172610	228.751	ug/l	100
30) Chloroform	7.508	83	250190	54.896	ug/l	97
31) Cyclohexane	7.789	56	166299	48.511	ug/l	98
32) 1,1,1-Trichloroethane	7.703	97	214713	55.541	ug/l	98
36) 1,1-Dichloropropene	7.923	75	167252	56.139	ug/l	100
37) Ethyl Acetate	7.082	43	120597	46.428	ug/l	100
38) Carbon Tetrachloride	7.905	117	196673	58.911	ug/l	99
39) Methylcyclohexane	9.185	83	179560	56.455	ug/l	99
40) Benzene	8.167	78	505146	54.964	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060623\
 Data File : VY014046.D
 Acq On : 06 Jun 2023 21:16
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/07/2023
 Supervised By :Mahesh Dadoda 06/07/2023

Quant Time: Jun 07 01:44:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	60370m	50.286	ug/l	
42) 1,2-Dichloroethane	8.240	62	181769	53.937	ug/l	100
43) Isopropyl Acetate	8.276	43	217575	49.746	ug/l	99
44) Trichloroethene	8.941	130	130552	54.244	ug/l	95
45) 1,2-Dichloropropane	9.215	63	132852	56.015	ug/l	98
46) Dibromomethane	9.307	93	80409	52.957	ug/l	99
47) Bromodichloromethane	9.496	83	195504	57.158	ug/l	99
48) Methyl methacrylate	9.295	41	100767	50.618	ug/l	100
49) 1,4-Dioxane	9.307	88	21767	985.781	ug/l #	40
51) 4-Methyl-2-Pentanone	10.069	43	624823	252.926	ug/l	99
52) Toluene	10.246	92	319408	56.732	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	198030	53.898	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	214886	54.779	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	111549	55.726	ug/l	95
56) Ethyl methacrylate	10.514	69	153088	53.265	ug/l	99
57) 1,3-Dichloropropane	10.788	76	187043	54.685	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	360559	254.511	ug/l	100
59) 2-Hexanone	10.831	43	434924	243.136	ug/l	100
60) Dibromochloromethane	10.983	129	143254	56.622	ug/l	100
61) 1,2-Dibromoethane	11.087	107	107071	53.237	ug/l	99
64) Tetrachloroethene	10.721	164	120670	54.948	ug/l	96
65) Chlorobenzene	11.520	112	346386	52.671	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	140950	55.054	ug/l	99
67) Ethyl Benzene	11.593	91	623519	54.775	ug/l	99
68) m/p-Xylenes	11.703	106	475940	109.455	ug/l	99
69) o-Xylene	12.032	106	227856	54.687	ug/l	99
70) Styrene	12.044	104	397320	55.518	ug/l	99
71) Bromoform	12.209	173	99276	52.597	ug/l	98
73) Isopropylbenzene	12.331	105	602783	54.895	ug/l	100
74) N-amyl acetate	12.142	43	203348	48.268	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	141473	49.296	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	110273m	49.257	ug/l	
77) Bromobenzene	12.611	156	155215	52.289	ug/l	98
78) n-propylbenzene	12.672	91	744541	55.324	ug/l	99
79) 2-Chlorotoluene	12.757	91	423942	53.212	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	515803	54.807	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	48440	45.903	ug/l	99
82) 4-Chlorotoluene	12.855	91	447574	53.416	ug/l	99
83) tert-Butylbenzene	13.074	119	435578	55.269	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	514575	54.742	ug/l	100
85) sec-Butylbenzene	13.251	105	649041	56.634	ug/l	100
86) p-Isopropyltoluene	13.367	119	541181	55.943	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	298265	52.910	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	294881	51.711	ug/l	100
89) n-Butylbenzene	13.696	91	513124	56.216	ug/l	100
90) Hexachloroethane	13.958	117	111511	54.924	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	271508	52.281	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	24797	44.798	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	167004	52.312	ug/l	98
94) Hexachlorobutadiene	15.111	225	98334	57.827	ug/l	98
95) Naphthalene	15.232	128	355954	46.161	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	154013	52.967	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060623\
Data File : VY014046.D
Acq On : 06 Jun 2023 21:16
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

Quant Time: Jun 07 01:44:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 02 07:00:14 2023
Response via : Initial Calibration

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

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

