

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012423\
 Data File : VY012350.D
 Acq On : 24 Jan 2023 18:22
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/25/2023
 Supervised By :Mahesh Dadoda 01/25/2023

Quant Time: Jan 25 01:33:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	163198	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	245502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	231673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	120992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	66861	49.378	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.760%		
35) Dibromofluoromethane	7.715	113	60006	46.161	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.320%		
50) Toluene-d8	10.178	98	225955	50.183	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.360%		
62) 4-Bromofluorobenzene	12.483	95	86072	46.969	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.940%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	60189	42.203	ug/l	97
3) Chloromethane	2.113	50	56414	42.848	ug/l	100
4) Vinyl Chloride	2.253	62	70259	45.719	ug/l	97
5) Bromomethane	2.649	94	55174	46.438	ug/l	97
6) Chloroethane	2.796	64	47998	47.891	ug/l	97
7) Trichlorofluoromethane	3.125	101	146655	48.897	ug/l	99
8) Diethyl Ether	3.527	74	40942	45.874	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.899	101	69866	47.862	ug/l	92
10) Methyl Iodide	4.094	142	98676	44.481	ug/l	93
11) Tert butyl alcohol	4.948	59	32492	199.941	ug/l	99
12) 1,1-Dichloroethene	3.875	96	71895	47.966	ug/l	94
13) Acrolein	3.728	56	10738	168.123	ug/l	99
14) Allyl chloride	4.478	41	86331	46.582	ug/l #	80
15) Acrylonitrile	5.161	53	90216	231.423	ug/l	99
16) Acetone	3.948	43	96237	211.773	ug/l	100
17) Carbon Disulfide	4.192	76	211587	45.638	ug/l	99
18) Methyl Acetate	4.472	43	45379	44.626	ug/l #	85
19) Methyl tert-butyl Ether	5.222	73	203350	48.668	ug/l	93
20) Methylene Chloride	4.716	84	90022	46.796	ug/l	90
21) trans-1,2-Dichloroethene	5.222	96	82006	49.029	ug/l	94
22) Diisopropyl ether	6.118	45	177502	48.041	ug/l #	88
23) Vinyl Acetate	6.063	43	542611	235.676	ug/l #	91
24) 1,1-Dichloroethane	6.021	63	126261	49.267	ug/l	99
25) 2-Butanone	6.984	43	108453	216.176	ug/l #	89
26) 2,2-Dichloropropane	6.978	77	136967	49.232	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	91108	49.589	ug/l	94
28) Bromochloromethane	7.331	49	24376	43.552	ug/l #	71
29) Tetrahydrofuran	7.344	42	62230	225.821	ug/l #	79
30) Chloroform	7.508	83	153842	50.853	ug/l	97
31) Cyclohexane	7.789	56	109420	45.986	ug/l #	83
32) 1,1,1-Trichloroethane	7.703	97	151463	50.572	ug/l	98
36) 1,1-Dichloropropene	7.917	75	110231	49.895	ug/l	97
37) Ethyl Acetate	7.069	43	43597	44.764	ug/l #	94
38) Carbon Tetrachloride	7.904	117	146434	51.321	ug/l	97
39) Methylcyclohexane	9.185	83	138833	51.423	ug/l	93
40) Benzene	8.161	78	318291	49.917	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012423\
 Data File : VY012350.D
 Acq On : 24 Jan 2023 18:22
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/25/2023
 Supervised By :Mahesh Dadoda 01/25/2023

Quant Time: Jan 25 01:33:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	27680m	48.352	ug/l	
42) 1,2-Dichloroethane	8.240	62	105623	52.031	ug/l	99
43) Isopropyl Acetate	8.270	43	84304	46.526	ug/l #	92
44) Trichloroethene	8.941	130	96607	50.689	ug/l	97
45) 1,2-Dichloropropane	9.215	63	66348	49.866	ug/l	97
46) Dibromomethane	9.307	93	44826	50.325	ug/l	96
47) Bromodichloromethane	9.496	83	116414	51.920	ug/l	98
48) Methyl methacrylate	9.294	41	39380	47.168	ug/l	85
49) 1,4-Dioxane	9.301	88	11776	970.233	ug/l	86
51) 4-Methyl-2-Pentanone	10.069	43	228033	236.009	ug/l	95
52) Toluene	10.245	92	218171	51.387	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	118461	50.510	ug/l	100
54) cis-1,3-Dichloropropene	9.928	75	126639	50.139	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	63975	50.552	ug/l	97
56) Ethyl methacrylate	10.508	69	82538	49.714	ug/l	94
57) 1,3-Dichloropropane	10.788	76	104653	50.636	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	123416	224.653	ug/l #	87
59) 2-Hexanone	10.831	43	171373	232.964	ug/l	95
60) Dibromochloromethane	10.983	129	85734	51.078	ug/l	100
61) 1,2-Dibromoethane	11.087	107	60940	49.903	ug/l	98
64) Tetrachloroethene	10.721	164	111567	52.776	ug/l	95
65) Chlorobenzene	11.514	112	235247	49.628	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	90295	50.467	ug/l	97
67) Ethyl Benzene	11.593	91	424762	50.140	ug/l	99
68) m/p-Xylenes	11.703	106	342048	102.118	ug/l	98
69) o-Xylene	12.032	106	162964	50.937	ug/l	96
70) Styrene	12.044	104	271656	50.819	ug/l	99
71) Bromoform	12.209	173	56599	49.513	ug/l #	99
73) Isopropylbenzene	12.330	105	439831	50.413	ug/l	98
74) N-amyl acetate	12.141	43	75611	44.210	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.580	83	62547	45.514	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	55928m	50.269	ug/l	
77) Bromobenzene	12.611	156	102715	48.926	ug/l	90
78) n-propylbenzene	12.672	91	506005	49.563	ug/l	97
79) 2-Chlorotoluene	12.757	91	283406	49.097	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	385689	50.853	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	25170	46.614	ug/l	97
82) 4-Chlorotoluene	12.855	91	292967	48.317	ug/l	97
83) tert-Butylbenzene	13.074	119	326957	49.461	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	373621	49.952	ug/l	99
85) sec-Butylbenzene	13.251	105	473370	50.297	ug/l	98
86) p-Isopropyltoluene	13.367	119	414074	50.356	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	204425	48.959	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	201992	48.508	ug/l	98
89) n-Butylbenzene	13.696	91	354565	49.756	ug/l	97
90) Hexachloroethane	13.958	117	73329	49.398	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	181856	48.812	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13340	46.972	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	110322	46.214	ug/l	99
94) Hexachlorobutadiene	15.110	225	68275	47.502	ug/l	99
95) Naphthalene	15.238	128	214689	45.564	ug/l	100
96) 1,2,3-Trichlorobenzene	15.421	180	94699	46.099	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012423\
Data File : VY012350.D
Acq On : 24 Jan 2023 18:22
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 01/25/2023
Supervised By :Mahesh Dadoda 01/25/2023

Quant Time: Jan 25 01:33:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 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\VY012423\
Data File : VY012350.D
Acq On : 24 Jan 2023 18:22
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/soil
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: Jan 25 01:33:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 01/25/2023
Supervised By :Mahesh Dadoda 01/25/2023

