

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091322\
 Data File : VY010457.D
 Acq On : 13 Sep 2022 14:35
 Operator : KP/MD
 Sample : MDL03 2.5PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL03 2.5PPB

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022

Quant Time: Sep 14 06:26:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 14 06:25:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	217693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	350652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	320479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	160352	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	130632	59.581	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.160%			
35) Dibromofluoromethane	7.710	113	124590	50.029	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.060%			
50) Toluene-d8	10.173	98	471469	58.415	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 116.820%			
62) 4-Bromofluorobenzene	12.477	95	173054	46.724	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.440%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	8009	4.802	ug/l	94
3) Chloromethane	2.107	50	8039	3.287	ug/l	100
4) Vinyl Chloride	2.241	62	8717	2.889	ug/l	89
5) Bromomethane	2.643	94	7086	3.352	ug/l	99
6) Chloroethane	2.784	64	5507	2.729	ug/l	96
7) Trichlorofluoromethane	3.113	101	11022	2.884	ug/l	88
8) Diethyl Ether	3.521	74	3389	2.738	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.881	101	6445	2.880	ug/l	96
10) Methyl Iodide	4.082	142	6537	2.361	ug/l	93
11) Tert butyl alcohol	4.948	59	4755	16.056	ug/l #	86
12) 1,1-Dichloroethene	3.857	96	5838	2.781	ug/l #	75
13) Acrolein	3.716	56	2554	12.210	ug/l	95
14) Allyl chloride	4.466	41	8313	2.750	ug/l #	91
15) Acrylonitrile	5.149	53	8319	13.883	ug/l	96
16) Acetone	3.942	43	9067	18.020	ug/l #	83
17) Carbon Disulfide	4.180	76	14598	2.571	ug/l	98
18) Methyl Acetate	4.466	43	6225	4.021	ug/l	95
19) Methyl tert-butyl Ether	5.216	73	15718	2.711	ug/l	98
20) Methylene Chloride	4.704	84	33036	10.758	ug/l	85
21) trans-1,2-Dichloroethene	5.204	96	6487	2.721	ug/l	81
22) Diisopropyl ether	6.112	45	17788	2.636	ug/l	98
23) Vinyl Acetate	6.051	43	47008	11.365	ug/l #	95
24) 1,1-Dichloroethane	6.009	63	11503	2.815	ug/l	97
25) 2-Butanone	6.978	43	15373	19.225	ug/l	93
26) 2,2-Dichloropropane	6.978	77	17240	4.422	ug/l	84
27) cis-1,2-Dichloroethene	6.978	96	7609	2.746	ug/l	83
28) Bromochloromethane	7.332	49	4161	3.176	ug/l #	80
29) Tetrahydrofuran	7.338	42	7215	14.457	ug/l #	88
30) Chloroform	7.502	83	12204	2.816	ug/l	91
31) Cyclohexane	7.777	56	14014	3.783	ug/l #	57
32) 1,1,1-Trichloroethane	7.697	97	10806	2.753	ug/l	97
36) 1,1-Dichloropropene	7.911	75	8963	2.629	ug/l	90
37) Ethyl Acetate	7.076	43	5608	3.129	ug/l	96
38) Carbon Tetrachloride	7.893	117	10324	2.722	ug/l	95
39) Methylcyclohexane	9.179	83	12277	2.888	ug/l	93
40) Benzene	8.155	78	26939	2.745	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091322\
 Data File : VY010457.D
 Acq On : 13 Sep 2022 14:35
 Operator : KP/MD
 Sample : MDL03 2.5PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL03 2.5PPB

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022

Quant Time: Sep 14 06:26:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 14 06:25:52 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	2483m	2.423	ug/l	
42) 1,2-Dichloroethane	8.228	62	8047	2.757	ug/l	91
43) Isopropyl Acetate	8.271	43	8495	2.590	ug/l #	93
44) Trichloroethene	8.935	130	7974	2.760	ug/l	91
45) 1,2-Dichloropropane	9.209	63	6531	2.729	ug/l	94
46) Dibromomethane	9.301	93	4411	3.056	ug/l	90
47) Bromodichloromethane	9.490	83	9614	2.804	ug/l	99
48) Methyl methacrylate	9.289	41	4025	2.732	ug/l #	81
49) 1,4-Dioxane	9.301	88	918	48.044	ug/l	90
51) 4-Methyl-2-Pentanone	10.069	43	24328	13.522	ug/l	89
52) Toluene	10.240	92	17565	2.735	ug/l	92
53) t-1,3-Dichloropropene	10.465	75	8862	2.512	ug/l	92
54) cis-1,3-Dichloropropene	9.923	75	10747	2.700	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	5817	2.833	ug/l	95
56) Ethyl methacrylate	10.508	69	6717	2.491	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	9027	2.644	ug/l #	84
58) 2-Chloroethyl Vinyl ether	9.782	63	18698	20.383	ug/l	94
59) 2-Hexanone	10.831	43	15965	13.018	ug/l	90
60) Dibromochloromethane	10.977	129	6416	2.557	ug/l	95
61) 1,2-Dibromoethane	11.087	107	5967	2.994	ug/l	90
64) Tetrachloroethene	10.715	164	8154	2.823	ug/l	95
65) Chlorobenzene	11.514	112	19659	2.743	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.587	131	9522	3.587	ug/l	75
67) Ethyl Benzene	11.587	91	35248	2.779	ug/l	97
68) m/p-Xylenes	11.697	106	26507	5.323	ug/l	94
69) o-Xylene	12.026	106	13267	2.790	ug/l	94
70) Styrene	12.038	104	21162	2.630	ug/l	98
71) Bromoform	12.209	173	4202	2.532	ug/l #	98
73) Isopropylbenzene	12.325	105	37706	3.014	ug/l	96
74) N-amyl acetate	12.142	43	7026	2.407	ug/l #	75
75) 1,1,2,2-Tetrachloroethane	12.581	83	7095	3.032	ug/l	92
76) 1,2,3-Trichloropropane	12.629	75	4807m	2.716	ug/l	
77) Bromobenzene	12.605	156	8158	2.752	ug/l	92
78) n-propylbenzene	12.666	91	42100	2.842	ug/l	99
79) 2-Chlorotoluene	12.751	91	24134	2.900	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	31858	3.018	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	2147m	2.694	ug/l	
82) 4-Chlorotoluene	12.855	91	27522	3.179	ug/l	98
83) tert-Butylbenzene	13.068	119	30892	3.348	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	35842	3.470	ug/l	95
85) sec-Butylbenzene	13.251	105	40194	2.942	ug/l	98
86) p-Isopropyltoluene	13.367	119	33098	2.864	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	16342	2.745	ug/l	92
88) 1,4-Dichlorobenzene	13.440	146	17001	2.884	ug/l	88
89) n-Butylbenzene	13.696	91	31108	2.966	ug/l	97
90) Hexachloroethane	13.959	117	9399	4.332	ug/l	63
91) 1,2-Dichlorobenzene	13.733	146	15163	2.876	ug/l	87
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1445	3.658	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	9683	2.957	ug/l	90
94) Hexachlorobutadiene	15.111	225	5912	2.992	ug/l	93
95) Naphthalene	15.233	128	24333	3.767	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.422	180	8970	3.138	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091322\
Data File : VY010457.D
Acq On : 13 Sep 2022 14:35
Operator : KP/MD
Sample : MDL03 2.5PPB
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MDL03 2.5PPB

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

Quant Time: Sep 14 06:26:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 14 06:25:52 2022
Response via : Initial Calibration

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

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

