

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082322\
 Data File : VY010161.D
 Acq On : 23 Aug 2022 13:37
 Operator : KP/MD
 Sample : VY0823SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0823SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/24/2022
 Supervised By :Mahesh Dadoda 08/24/2022

Quant Time: Aug 24 04:32:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	223571	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	349938	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	326730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	176101	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	93636	51.132	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.260%			
35) Dibromofluoromethane	7.710	113	102986	52.228	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.460%			
50) Toluene-d8	10.179	98	345759	46.796	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 93.600%			
62) 4-Bromofluorobenzene	12.477	95	140157	53.092	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	28500	17.104	ug/l	99
3) Chloromethane	2.107	50	30414	16.222	ug/l	98
4) Vinyl Chloride	2.241	62	33144	16.229	ug/l	96
5) Bromomethane	2.631	94	29350	18.984	ug/l	96
6) Chloroethane	2.778	64	26233	20.127	ug/l	99
7) Trichlorofluoromethane	3.113	101	60126	17.372	ug/l	100
8) Diethyl Ether	3.521	74	24857	21.042	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.881	101	42661	19.856	ug/l	99
10) Methyl Iodide	4.076	142	43534	16.405	ug/l	97
11) Tert butyl alcohol	4.954	59	22697	125.012	ug/l	99
12) 1,1-Dichloroethene	3.857	96	37681	18.282	ug/l	96
13) Acrolein	3.723	56	12088	119.461	ug/l	99
14) Allyl chloride	4.466	41	64033	21.006	ug/l	97
15) Acrylonitrile	5.155	53	68941	121.401	ug/l	99
16) Acetone	3.942	43	58773	128.233	ug/l	98
17) Carbon Disulfide	4.180	76	92221	14.100	ug/l	99
18) Methyl Acetate	4.466	43	34282	24.413	ug/l	97
19) Methyl tert-butyl Ether	5.210	73	114254	22.371	ug/l	99
20) Methylene Chloride	4.704	84	61426	18.445	ug/l	96
21) trans-1,2-Dichloroethene	5.204	96	43209	18.490	ug/l	99
22) Diisopropyl ether	6.106	45	145269	22.688	ug/l	94
23) Vinyl Acetate	6.051	43	441691	113.670	ug/l	99
24) 1,1-Dichloroethane	6.009	63	80436	20.847	ug/l	99
25) 2-Butanone	6.978	43	89793	121.793	ug/l	95
26) 2,2-Dichloropropane	6.972	77	70143	20.315	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	51372	19.870	ug/l	96
28) Bromochloromethane	7.326	49	25647	19.561	ug/l	95
29) Tetrahydrofuran	7.338	42	56781	120.432	ug/l	97
30) Chloroform	7.496	83	84665	20.983	ug/l	99
31) Cyclohexane	7.777	56	66393	17.696	ug/l	96
32) 1,1,1-Trichloroethane	7.691	97	73230	20.818	ug/l	99
36) 1,1-Dichloropropene	7.911	75	59424	18.880	ug/l	100
37) Ethyl Acetate	7.063	43	38793	24.277	ug/l	99
38) Carbon Tetrachloride	7.893	117	65189	19.749	ug/l	99
39) Methylcyclohexane	9.179	83	67773	17.462	ug/l	97
40) Benzene	8.155	78	183096	19.777	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082322\
 Data File : VY010161.D
 Acq On : 23 Aug 2022 13:37
 Operator : KP/MD
 Sample : VY0823SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0823SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/24/2022
 Supervised By :Mahesh Dadoda 08/24/2022

Quant Time: Aug 24 04:32:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	20055	21.894	ug/l #	100
42) 1,2-Dichloroethane	8.228	62	52560	22.136	ug/l	100
43) Isopropyl Acetate	8.271	43	67501	23.399	ug/l	99
44) Trichloroethene	8.935	130	51458	19.391	ug/l	96
45) 1,2-Dichloropropane	9.209	63	47743	21.429	ug/l	97
46) Dibromomethane	9.301	93	27693	21.245	ug/l	97
47) Bromodichloromethane	9.490	83	65075	21.451	ug/l	96
48) Methyl methacrylate	9.289	41	29802	23.090	ug/l	98
49) 1,4-Dioxane	9.289	88	7178	475.445	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	191111	122.447	ug/l	99
52) Toluene	10.240	92	119108	20.292	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	68409	22.064	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	77004	21.292	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	40954	21.817	ug/l	98
56) Ethyl methacrylate	10.508	69	52145	22.026	ug/l	95
57) 1,3-Dichloropropane	10.788	76	66621	21.529	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	119244	126.277	ug/l	99
59) 2-Hexanone	10.831	43	135282	126.409	ug/l	96
60) Dibromochloromethane	10.983	129	49734	21.739	ug/l	98
61) 1,2-Dibromoethane	11.087	107	37983	20.791	ug/l	100
64) Tetrachloroethene	10.715	164	50655	19.207	ug/l	98
65) Chlorobenzene	11.514	112	131751	20.049	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	50159	20.649	ug/l	99
67) Ethyl Benzene	11.593	91	226844	19.810	ug/l	100
68) m/p-Xylenes	11.697	106	177292	39.701	ug/l	98
69) o-Xylene	12.026	106	83774	20.147	ug/l	99
70) Styrene	12.044	104	147057	20.725	ug/l	100
71) Bromoform	12.209	173	32396	21.665	ug/l #	100
73) Isopropylbenzene	12.331	105	225817	19.061	ug/l	100
74) N-amyl acetate	12.142	43	60901	21.325	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	49907	21.060	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	36344m	22.037	ug/l	
77) Bromobenzene	12.605	156	55938	19.411	ug/l	98
78) n-propylbenzene	12.672	91	282585	19.427	ug/l	100
79) 2-Chlorotoluene	12.758	91	157032	19.165	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	198100	19.986	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	16716	20.357	ug/l	95
82) 4-Chlorotoluene	12.855	91	165233	19.452	ug/l	100
83) tert-Butylbenzene	13.075	119	168036	19.445	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	195789	19.944	ug/l	100
85) sec-Butylbenzene	13.251	105	256762	19.597	ug/l	100
86) p-Isopropyltoluene	13.367	119	211828	19.614	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	112846	19.447	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	113106	19.467	ug/l	98
89) n-Butylbenzene	13.696	91	198656	19.543	ug/l	100
90) Hexachloroethane	13.959	117	42883	19.474	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	103333	20.061	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7765	21.432	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	62284	20.395	ug/l	100
94) Hexachlorobutadiene	15.111	225	37117	20.472	ug/l	99
95) Naphthalene	15.233	128	125915	21.436	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	54945	20.645	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082322\
Data File : VY010161.D
Acq On : 23 Aug 2022 13:37
Operator : KP/MD
Sample : VY0823SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0823SBS01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022

Quant Time: Aug 24 04:32:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 22 02:37:07 2022
Response via : Initial Calibration

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

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

