

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110122\
 Data File : VY011224.D
 Acq On : 01 Nov 2022 16:05
 Operator : KP/MD
 Sample : VY1101SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1101SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/02/2022
 Supervised By :Mahesh Dadoda 11/02/2022

Quant Time: Nov 02 01:42:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	239734	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	383906	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	351299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	171661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	121927	47.554	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.100%		
35) Dibromofluoromethane	7.716	113	121911	49.425	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.860%		
50) Toluene-d8	10.179	98	472804	49.370	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.740%		
62) 4-Bromofluorobenzene	12.477	95	166351	50.036	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.080%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	52419	25.267	ug/l	99
3) Chloromethane	2.113	50	56642	21.308	ug/l	99
4) Vinyl Chloride	2.247	62	62181	20.940	ug/l	99
5) Bromomethane	2.637	94	41436	20.916	ug/l	96
6) Chloroethane	2.784	64	38869	20.370	ug/l	98
7) Trichlorofluoromethane	3.119	101	91233	20.796	ug/l	94
8) Diethyl Ether	3.521	74	30096	19.119	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.893	101	54266	20.575	ug/l	94
10) Methyl Iodide	4.088	142	61985	18.257	ug/l	91
11) Tert butyl alcohol	4.936	59	44029	154.244	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	51414	19.716	ug/l	86
13) Acrolein	3.723	56	17220	115.819	ug/l	99
14) Allyl chloride	4.473	41	77429	19.602	ug/l #	85
15) Acrylonitrile	5.155	53	73325	92.831	ug/l	98
16) Acetone	3.942	43	64390	83.195	ug/l #	88
17) Carbon Disulfide	4.186	76	172170	20.102	ug/l	99
18) Methyl Acetate	4.473	43	40453	19.742	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	128692	18.571	ug/l	97
20) Methylene Chloride	4.710	84	73294	20.154	ug/l #	78
21) trans-1,2-Dichloroethene	5.210	96	59325	20.002	ug/l	87
22) Diisopropyl ether	6.112	45	164725	20.114	ug/l #	92
23) Vinyl Acetate	6.051	43	472864	94.598	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	102038	19.895	ug/l	98
25) 2-Butanone	6.978	43	96175	88.315	ug/l #	87
26) 2,2-Dichloropropane	6.972	77	91945	19.606	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	64421	19.712	ug/l	90
28) Bromochloromethane	7.332	49	37719	19.146	ug/l	87
29) Tetrahydrofuran	7.344	42	58369	92.069	ug/l #	85
30) Chloroform	7.502	83	102587	19.805	ug/l	98
31) Cyclohexane	7.783	56	94616	19.910	ug/l	88
32) 1,1,1-Trichloroethane	7.698	97	92081	20.042	ug/l	95
36) 1,1-Dichloropropene	7.911	75	81792	20.306	ug/l	98
37) Ethyl Acetate	7.070	43	40606	18.700	ug/l #	92
38) Carbon Tetrachloride	7.893	117	85063	20.355	ug/l	96
39) Methylcyclohexane	9.179	83	100325	20.473	ug/l	92
40) Benzene	8.155	78	240707	20.333	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	18651m	15.808	ug/l	
42) 1,2-Dichloroethane	8.234	62	63078	19.622	ug/l	90
43) Isopropyl Acetate	8.271	43	69843	18.256	ug/l #	86
44) Trichloroethene	8.935	130	63048	19.900	ug/l	100
45) 1,2-Dichloropropane	9.216	63	58463	19.975	ug/l	95
46) Dibromomethane	9.301	93	32611	19.720	ug/l	97
47) Bromodichloromethane	9.490	83	77220	19.699	ug/l	100
48) Methyl methacrylate	9.289	41	32620	18.563	ug/l #	77
49) 1,4-Dioxane	9.289	88	8532	383.519	ug/l #	88
51) 4-Methyl-2-Pentanone	10.069	43	191930	92.267	ug/l #	87
52) Toluene	10.240	92	149798	20.407	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	79676	19.299	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	93127	19.714	ug/l #	80
55) 1,1,2-Trichloroethane	10.642	97	46798	19.746	ug/l	95
56) Ethyl methacrylate	10.508	69	59032	18.856	ug/l #	74
57) 1,3-Dichloropropane	10.788	76	79664	19.637	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	146096	99.544	ug/l	97
59) 2-Hexanone	10.831	43	134542	90.596	ug/l	85
60) Dibromochloromethane	10.977	129	54736	19.438	ug/l	99
61) 1,2-Dibromoethane	11.087	107	43865	19.495	ug/l	99
64) Tetrachloroethene	10.715	164	60965	20.430	ug/l	96
65) Chlorobenzene	11.514	112	155937	20.120	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	57837	20.267	ug/l	97
67) Ethyl Benzene	11.587	91	277658	20.196	ug/l	98
68) m/p-Xylenes	11.703	106	219918	41.208	ug/l	94
69) o-Xylene	12.026	106	101247	20.239	ug/l	94
70) Styrene	12.044	104	173172	20.420	ug/l	95
71) Bromoform	12.203	173	34362	19.373	ug/l #	97
73) Isopropylbenzene	12.325	105	269152	20.971	ug/l	99
74) N-amyl acetate	12.142	43	61382	19.052	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.581	83	52405	19.732	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	36626m	17.526	ug/l	
77) Bromobenzene	12.605	156	62615	20.741	ug/l	99
78) n-propylbenzene	12.666	91	332059	21.144	ug/l	100
79) 2-Chlorotoluene	12.752	91	187152	20.798	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	228510	21.040	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	18715	19.165	ug/l #	84
82) 4-Chlorotoluene	12.849	91	191535	20.655	ug/l	99
83) tert-Butylbenzene	13.075	119	193855	20.715	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	225189	20.965	ug/l	98
85) sec-Butylbenzene	13.251	105	293106	21.125	ug/l	100
86) p-Isopropyltoluene	13.367	119	241838	20.912	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	124976	20.645	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	124026	20.428	ug/l	98
89) n-Butylbenzene	13.690	91	222659	20.618	ug/l	99
90) Hexachloroethane	13.959	117	47294	20.449	ug/l	88
91) 1,2-Dichlorobenzene	13.733	146	109917	20.328	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	8453	18.579	ug/l	84
93) 1,2,4-Trichlorobenzene	15.001	180	61665	18.868	ug/l	98
94) Hexachlorobutadiene	15.105	225	37913	19.923	ug/l	99
95) Naphthalene	15.233	128	115952	17.938	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	52312	18.214	ug/l	98

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

