

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010622\
 Data File : VY007024.D
 Acq On : 06 Jan 2022 11:32
 Operator : SY/MD
 Sample : VY0106SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0106SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/11/2022
 Supervised By :Semsettin Yesilyurt 01/11/2022

Quant Time: Jan 06 15:34:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 06 04:51:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	175022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	295973	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	263672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	120292	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	104574	50.617	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.240%			
35) Dibromofluoromethane	7.722	113	98288	50.519	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.040%			
50) Toluene-d8	10.185	98	371437	51.384	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.760%			
62) 4-Bromofluorobenzene	12.483	95	136248	50.048	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.100%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.918	85	8695	14.691	ug/l	100
3) Chloromethane	2.119	50	26583	21.047	ug/l	97
4) Vinyl Chloride	2.259	62	34783	20.630	ug/l	93
5) Bromomethane	2.662	94	22258	19.681	ug/l	100
6) Chloroethane	2.802	64	20025	19.345	ug/l	96
7) Trichlorofluoromethane	3.131	101	36356	17.708	ug/l	95
8) Diethyl Ether	3.527	74	21994	19.034	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.905	101	39249	19.179	ug/l	99
10) Methyl Iodide	4.094	142	60742	19.058	ug/l	100
11) Tert butyl alcohol	4.954	59	16526	88.702	ug/l	99
12) 1,1-Dichloroethene	3.875	96	40748	19.134	ug/l	98
13) Acrolein	3.735	56	6142	106.562	ug/l	90
14) Allyl chloride	4.478	41	59530m	18.359	ug/l	
15) Acrylonitrile	5.161	53	51202	89.896	ug/l	99
16) Acetone	3.954	43	38566	84.730	ug/l	98
17) Carbon Disulfide	4.198	76	116907	18.708	ug/l	100
18) Methyl Acetate	4.478	43	36743	18.816	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	77543	19.579	ug/l	99
20) Methylene Chloride	4.722	84	68952	16.413	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	43142	19.044	ug/l	99
22) Diisopropyl ether	6.118	45	118890	18.806	ug/l	97
23) Vinyl Acetate	6.064	43	345813	89.162	ug/l	100
24) 1,1-Dichloroethane	6.021	63	74323	19.126	ug/l	99
25) 2-Butanone	6.990	43	61021	93.109	ug/l	96
26) 2,2-Dichloropropane	6.990	77	56466	19.104	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	49021	19.395	ug/l	99
28) Bromochloromethane	7.338	49	23740	16.819	ug/l	97
29) Tetrahydrofuran	7.350	42	42801	87.911	ug/l	98
30) Chloroform	7.508	83	76372	18.804	ug/l	98
31) Cyclohexane	7.789	56	70108	18.142	ug/l	92
32) 1,1,1-Trichloroethane	7.703	97	67994	18.830	ug/l	100
36) 1,1-Dichloropropene	7.923	75	61110	18.845	ug/l	99
37) Ethyl Acetate	7.076	43	29497	17.731	ug/l	98
38) Carbon Tetrachloride	7.905	117	63670	18.773	ug/l	98
39) Methylcyclohexane	9.185	83	79412	18.687	ug/l	99
40) Benzene	8.167	78	167657	18.997	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	16677m	17.845	ug/l	
42) 1,2-Dichloroethane	8.240	62	49948	18.617	ug/l	100
43) Isopropyl Acetate	8.277	43	56724	17.708	ug/l	99
44) Trichloroethene	8.947	130	46193	18.742	ug/l	96
45) 1,2-Dichloropropane	9.222	63	40706	18.924	ug/l	100
46) Dibromomethane	9.307	93	24936	19.156	ug/l	98
47) Bromodichloromethane	9.502	83	59944	18.915	ug/l	100
48) Methyl methacrylate	9.295	41	26820	17.778	ug/l	98
49) 1,4-Dioxane	9.307	88	4900	375.360	ug/l #	83
51) 4-Methyl-2-Pentanone	10.075	43	142523	89.704	ug/l	100
52) Toluene	10.246	92	107152	18.871	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	64576	18.919	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	71661	18.911	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	33620	18.771	ug/l	99
56) Ethyl methacrylate	10.514	69	47578	18.510	ug/l	98
57) 1,3-Dichloropropane	10.794	76	58614	19.122	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	110114	97.671	ug/l	99
59) 2-Hexanone	10.837	43	94648	91.955	ug/l	99
60) Dibromochloromethane	10.989	129	41508	18.946	ug/l	98
61) 1,2-Dibromoethane	11.093	107	34011	18.917	ug/l	100
64) Tetrachloroethene	10.721	164	38244	19.117	ug/l	95
65) Chlorobenzene	11.520	112	113781	19.063	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	41049	19.196	ug/l	99
67) Ethyl Benzene	11.599	91	210360	19.046	ug/l	99
68) m/p-Xylenes	11.703	106	162070	38.528	ug/l	98
69) o-Xylene	12.032	106	75139	19.046	ug/l	98
70) Styrene	12.050	104	126426	18.864	ug/l	99
71) Bromoform	12.215	173	24747	19.163	ug/l #	99
73) Isopropylbenzene	12.331	105	202338	18.928	ug/l	100
74) N-amyl acetate	12.148	43	50936	18.222	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	37800	18.527	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	27854m	18.383	ug/l	
77) Bromobenzene	12.611	156	44646	19.187	ug/l	99
78) n-propylbenzene	12.678	91	246976	18.986	ug/l	100
79) 2-Chlorotoluene	12.757	91	140353	18.920	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	169470	19.187	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	14482	17.457	ug/l #	98
82) 4-Chlorotoluene	12.855	91	146111	18.970	ug/l	99
83) tert-Butylbenzene	13.081	119	147808	18.980	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	167052	19.222	ug/l	99
85) sec-Butylbenzene	13.257	105	217989	19.209	ug/l	100
86) p-Isopropyltoluene	13.373	119	182153	19.527	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	87811	19.509	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	87291	19.359	ug/l	99
89) n-Butylbenzene	13.702	91	176252	19.569	ug/l	100
90) Hexachloroethane	13.965	117	34699	18.730	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	77080	19.335	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6805	17.813	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	48948	20.183	ug/l	98
94) Hexachlorobutadiene	15.117	225	25778	20.295	ug/l	99
95) Naphthalene	15.239	128	102312	18.891	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	41236	19.707	ug/l	99

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

