

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060622\
 Data File : VY009147.D
 Acq On : 06 Jun 2022 15:03
 Operator : KP/MD
 Sample : VY0606SBS03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0606SBS03

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/07/2022
 Supervised By :Semsettin Yesilyurt 06/07/2022

Quant Time: Jun 07 02:32:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	96044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	158226	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	152285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	79800	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	46319	46.859	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.720%		
35) Dibromofluoromethane	7.710	113	49387	50.194	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.380%		
50) Toluene-d8	10.179	98	148557	40.927	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	81.860%		
62) 4-Bromofluorobenzene	12.477	95	67740	46.263	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.520%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	15650	17.816	ug/l	97
3) Chloromethane	2.107	50	28608	22.732	ug/l	94
4) Vinyl Chloride	2.247	62	45043	24.159	ug/l	97
5) Bromomethane	2.625	94	44404	24.296	ug/l	90
6) Chloroethane	2.778	64	32288	24.445	ug/l	96
7) Trichlorofluoromethane	3.113	101	31862	20.123	ug/l	96
8) Diethyl Ether	3.521	74	10429	21.065	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.893	101	17389	17.869	ug/l	99
10) Methyl Iodide	4.082	142	17104	17.021	ug/l	94
11) Tert butyl alcohol	4.948	59	9637	96.117	ug/l	98
12) 1,1-Dichloroethene	3.863	96	16445	18.204	ug/l	80
13) Acrolein	3.729	56	3894	117.992	ug/l	93
14) Allyl chloride	4.466	41	25327	18.604	ug/l #	85
15) Acrylonitrile	5.155	53	28230	101.837	ug/l	99
16) Acetone	3.942	43	21875	106.315	ug/l #	84
17) Carbon Disulfide	4.180	76	51316	17.388	ug/l	99
18) Methyl Acetate	4.466	43	14650	22.865	ug/l #	89
19) Methyl tert-butyl Ether	5.210	73	53208	19.623	ug/l	96
20) Methylene Chloride	4.704	84	26056	17.409	ug/l #	76
21) trans-1,2-Dichloroethene	5.216	96	20418	17.609	ug/l #	80
22) Diisopropyl ether	6.112	45	61299	18.742	ug/l #	94
23) Vinyl Acetate	6.051	43	202819	93.745	ug/l	95
24) 1,1-Dichloroethane	6.009	63	36953	18.890	ug/l	99
25) 2-Butanone	6.978	43	36417	99.093	ug/l #	83
26) 2,2-Dichloropropane	6.978	77	33625	18.659	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	23467	17.954	ug/l	91
28) Bromochloromethane	7.332	49	12977	19.326	ug/l #	93
29) Tetrahydrofuran	7.344	42	24668	98.815	ug/l #	86
30) Chloroform	7.502	83	40178	19.026	ug/l	98
31) Cyclohexane	7.777	56	32383	16.746	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	34946	18.241	ug/l	100
36) 1,1-Dichloropropene	7.917	75	29776	17.783	ug/l	99
37) Ethyl Acetate	7.070	43	16954	19.519	ug/l #	96
38) Carbon Tetrachloride	7.899	117	30713	17.534	ug/l	92
39) Methylcyclohexane	9.179	83	33594	15.543	ug/l	90
40) Benzene	8.155	78	87414	18.104	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	9441m	21.064	ug/l	
42) 1,2-Dichloroethane	8.234	62	27917	19.690	ug/l	94
43) Isopropyl Acetate	8.271	43	32182	19.927	ug/l #	92
44) Trichloroethene	8.935	130	22064	17.258	ug/l	96
45) 1,2-Dichloropropane	9.216	63	22294	19.229	ug/l	99
46) Dibromomethane	9.301	93	14281	19.372	ug/l	91
47) Bromodichloromethane	9.490	83	31116	18.469	ug/l #	96
48) Methyl methacrylate	9.289	41	13181	18.278	ug/l #	77
49) 1,4-Dioxane	9.289	88	4123	418.380	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	88567	99.089	ug/l	95
52) Toluene	10.240	92	58637	17.378	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	32539	18.187	ug/l	94
54) cis-1,3-Dichloropropene	9.929	75	35872	18.651	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	18582	18.017	ug/l	94
56) Ethyl methacrylate	10.508	69	22997	17.440	ug/l	91
57) 1,3-Dichloropropane	10.788	76	31550	18.753	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	49022	85.933	ug/l	95
59) 2-Hexanone	10.831	43	59700	97.554	ug/l	93
60) Dibromochloromethane	10.983	129	22858	18.283	ug/l	98
61) 1,2-Dibromoethane	11.087	107	18233	17.840	ug/l	100
64) Tetrachloroethene	10.715	164	19433	17.532	ug/l	98
65) Chlorobenzene	11.514	112	61417	17.571	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	22215	17.357	ug/l	94
67) Ethyl Benzene	11.587	91	107460	17.060	ug/l	100
68) m/p-Xylenes	11.697	106	85614	33.481	ug/l	92
69) o-Xylene	12.026	106	39654	16.699	ug/l	93
70) Styrene	12.044	104	67649	16.566	ug/l	95
71) Bromoform	12.203	173	14000	16.501	ug/l #	100
73) Isopropylbenzene	12.325	105	104658	17.539	ug/l	99
74) N-amyl acetate	12.142	43	28737	20.874	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	25095	20.416	ug/l	96
76) 1,2,3-Trichloropropane	12.630	75	16683m	19.468	ug/l	
77) Bromobenzene	12.605	156	25140	18.175	ug/l	97
78) n-propylbenzene	12.666	91	130948	18.995	ug/l	100
79) 2-Chlorotoluene	12.751	91	71389	17.952	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	87248	17.445	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	8154	19.530	ug/l	89
82) 4-Chlorotoluene	12.855	91	75625	17.780	ug/l	96
83) tert-Butylbenzene	13.075	119	75839	17.092	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	88542	17.834	ug/l	97
85) sec-Butylbenzene	13.251	105	119371	17.583	ug/l	99
86) p-Isopropyltoluene	13.367	119	96767	17.093	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	51740	17.535	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	52240	17.623	ug/l	99
89) n-Butylbenzene	13.696	91	93339	18.022	ug/l	97
90) Hexachloroethane	13.959	117	18976	17.886	ug/l	81
91) 1,2-Dichlorobenzene	13.739	146	47495	18.235	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3803	19.928	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	25378	17.754	ug/l	99
94) Hexachlorobutadiene	15.111	225	14074	18.065	ug/l	97
95) Naphthalene	15.233	128	53506	18.633	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	22631	18.219	ug/l	97

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

