

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060622\
 Data File : VY009139.D
 Acq On : 06 Jun 2022 11:56
 Operator : KP/MD
 Sample : VY0606SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0606SBS01

Manual Integrations
 APPROVED

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

Quant Time: Jun 07 02:29:51 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	7.789	168	116842	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	197090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	184709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	98074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	51058	42.459	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.920%		
35) Dibromofluoromethane	7.710	113	56538	46.131	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.260%		
50) Toluene-d8	10.179	98	168422	37.250	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	74.500%		
62) 4-Bromofluorobenzene	12.477	95	78212	42.882	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	85.760%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	19027	17.805	ug/l	98
3) Chloromethane	2.113	50	32219	21.045	ug/l	96
4) Vinyl Chloride	2.247	62	49669	21.898	ug/l	99
5) Bromomethane	2.625	94	52972	23.825	ug/l	99
6) Chloroethane	2.784	64	37092	23.083	ug/l	95
7) Trichlorofluoromethane	3.119	101	38589	20.033	ug/l	98
8) Diethyl Ether	3.521	74	11839	19.656	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.899	101	22730	19.200	ug/l	94
10) Methyl Iodide	4.076	142	22121	18.096	ug/l	91
11) Tert butyl alcohol	4.954	59	11184	91.691	ug/l	98
12) 1,1-Dichloroethene	3.863	96	20222	18.401	ug/l #	74
13) Acrolein	3.716	56	4709	117.289	ug/l	97
14) Allyl chloride	4.472	41	30504	18.418	ug/l #	85
15) Acrylonitrile	5.155	53	32690	96.935	ug/l	98
16) Acetone	3.942	43	25531	101.996	ug/l	98
17) Carbon Disulfide	4.186	76	63359	17.647	ug/l	99
18) Methyl Acetate	4.472	43	16460	21.117	ug/l	92
19) Methyl tert-butyl Ether	5.210	73	63329	19.199	ug/l	94
20) Methylene Chloride	4.710	84	25909	12.473	ug/l	90
21) trans-1,2-Dichloroethene	5.210	96	25733	18.243	ug/l	83
22) Diisopropyl ether	6.112	45	74082	18.618	ug/l	94
23) Vinyl Acetate	6.057	43	242234	92.034	ug/l #	92
24) 1,1-Dichloroethane	6.009	63	43075	18.100	ug/l	98
25) 2-Butanone	6.978	43	42890	95.932	ug/l	91
26) 2,2-Dichloropropane	6.972	77	40653	18.544	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	28956	18.210	ug/l	89
28) Bromochloromethane	7.332	49	16158	19.780	ug/l #	95
29) Tetrahydrofuran	7.344	42	28295	93.169	ug/l #	84
30) Chloroform	7.502	83	46607	18.142	ug/l	95
31) Cyclohexane	7.777	56	40320	17.139	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	41474	17.795	ug/l	99
36) 1,1-Dichloropropene	7.911	75	35751	17.141	ug/l	98
37) Ethyl Acetate	7.069	43	19724	18.231	ug/l	96
38) Carbon Tetrachloride	7.899	117	36306	16.640	ug/l	99
39) Methylcyclohexane	9.185	83	41793	15.524	ug/l	88
40) Benzene	8.155	78	104930	17.447	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	10510m	18.825	ug/l	
42) 1,2-Dichloroethane	8.234	62	31028	17.569	ug/l	92
43) Isopropyl Acetate	8.270	43	36938	18.361	ug/l #	93
44) Trichloroethene	8.935	130	27032	16.975	ug/l	98
45) 1,2-Dichloropropane	9.215	63	25445	17.619	ug/l	91
46) Dibromomethane	9.301	93	16484	17.951	ug/l	91
47) Bromodichloromethane	9.496	83	36658	17.468	ug/l	96
48) Methyl methacrylate	9.289	41	15672	17.446	ug/l #	77
49) 1,4-Dioxane	9.289	88	4504	366.918	ug/l #	81
51) 4-Methyl-2-Pentanone	10.069	43	102325	91.907	ug/l	93
52) Toluene	10.240	92	68942	16.403	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	38337	17.202	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	43566	18.184	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	22020	17.140	ug/l	95
56) Ethyl methacrylate	10.508	69	26654	16.228	ug/l	92
57) 1,3-Dichloropropane	10.788	76	37476	17.883	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	59266	83.404	ug/l	96
59) 2-Hexanone	10.831	43	68512	89.877	ug/l	91
60) Dibromochloromethane	10.983	129	26295	16.885	ug/l	99
61) 1,2-Dibromoethane	11.087	107	20853	16.380	ug/l	96
64) Tetrachloroethene	10.715	164	23449	17.442	ug/l	94
65) Chlorobenzene	11.514	112	72890	17.193	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	26517	17.082	ug/l	97
67) Ethyl Benzene	11.593	91	130658	17.101	ug/l	98
68) m/p-Xylenes	11.703	106	103293	33.304	ug/l	91
69) o-Xylene	12.026	106	46783	16.243	ug/l	94
70) Styrene	12.044	104	80126	16.177	ug/l	96
71) Bromoform	12.209	173	16702	16.230	ug/l #	99
73) Isopropylbenzene	12.331	105	126237	17.214	ug/l	100
74) N-amyl acetate	12.142	43	33765	19.956	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	28218	18.679	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	20014m	19.003	ug/l	
77) Bromobenzene	12.605	156	29352	17.266	ug/l	97
78) n-propylbenzene	12.672	91	162688	19.201	ug/l	100
79) 2-Chlorotoluene	12.751	91	86544	17.708	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	105913	17.231	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	9572	18.654	ug/l	88
82) 4-Chlorotoluene	12.855	91	91654	17.534	ug/l	97
83) tert-Butylbenzene	13.074	119	92426	16.949	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	107976	17.696	ug/l	98
85) sec-Butylbenzene	13.251	105	144489	17.317	ug/l	99
86) p-Isopropyltoluene	13.367	119	119782	17.216	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	63025	17.380	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	63617	17.462	ug/l	99
89) n-Butylbenzene	13.696	91	117265	18.423	ug/l	97
90) Hexachloroethane	13.958	117	23648	18.137	ug/l	80
91) 1,2-Dichlorobenzene	13.739	146	55337	17.287	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4366	18.616	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	30264	17.227	ug/l	99
94) Hexachlorobutadiene	15.111	225	16859	17.607	ug/l	97
95) Naphthalene	15.233	128	61604	17.456	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	27229	17.836	ug/l	99

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

