

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
 Data File : VY008698.D
 Acq On : 11 May 2022 11:45
 Operator : KP/MD
 Sample : VY0511SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0511SBS01

Quant Time: May 11 13:20:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/12/2022
 Supervised By : Mahesh Dadoda 05/12/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	194209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	312638	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	296682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	156445	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97776	58.756	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.520%			
35) Dibromofluoromethane	7.716	113	106323	55.187	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.380%			
50) Toluene-d8	10.179	98	373411	55.000	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.000%			
62) 4-Bromofluorobenzene	12.483	95	133341	54.590	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	18991	18.709	ug/l	98
3) Chloromethane	2.113	50	27675	22.146	ug/l	98
4) Vinyl Chloride	2.259	62	39887	25.141	ug/l	97
5) Bromomethane	2.656	94	30120	23.623	ug/l	96
6) Chloroethane	2.796	64	25171	23.123	ug/l	98
7) Trichlorofluoromethane	3.119	101	44138	22.992	ug/l	99
8) Diethyl Ether	3.527	74	27317	22.493	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.899	101	43717	22.255	ug/l	95
10) Methyl Iodide	4.088	142	74295	22.789	ug/l #	86
11) Tert butyl alcohol	4.948	59	20520	137.466	ug/l #	93
12) 1,1-Dichloroethene	3.869	96	45081	22.175	ug/l #	74
13) Acrolein	3.729	56	23485	142.916	ug/l	98
14) Allyl chloride	4.472	41	54372	20.674	ug/l #	87
15) Acrylonitrile	5.155	53	67829	124.635	ug/l	97
16) Acetone	3.942	43	48061	122.417	ug/l	91
17) Carbon Disulfide	4.192	76	122475	22.715	ug/l	97
18) Methyl Acetate	4.466	43	33903	28.437	ug/l #	83
19) Methyl tert-butyl Ether	5.216	73	87447	23.334	ug/l	94
20) Methylene Chloride	4.710	84	60208	25.253	ug/l #	77
21) trans-1,2-Dichloroethene	5.216	96	50934	22.291	ug/l #	81
22) Diisopropyl ether	6.112	45	132953	23.354	ug/l #	92
23) Vinyl Acetate	6.058	43	438386	121.908	ug/l #	89
24) 1,1-Dichloroethane	6.015	63	80575	22.043	ug/l	98
25) 2-Butanone	6.984	43	81299	125.974	ug/l #	86
26) 2,2-Dichloropropane	6.978	77	56268	23.026	ug/l	90
27) cis-1,2-Dichloroethene	6.978	96	56928	22.039	ug/l	79
28) Bromochloromethane	7.326	49	31144	24.025	ug/l #	67
29) Tetrahydrofuran	7.344	42	55403	128.452	ug/l #	80
30) Chloroform	7.502	83	85635	22.152	ug/l	100
31) Cyclohexane	7.783	56	72626	22.062	ug/l #	84
32) 1,1,1-Trichloroethane	7.704	97	71260	22.493	ug/l	94
36) 1,1-Dichloropropene	7.917	75	66597	21.514	ug/l	96
37) Ethyl Acetate	7.070	43	38074	24.737	ug/l #	92
38) Carbon Tetrachloride	7.899	117	68325	21.823	ug/l	95
39) Methylcyclohexane	9.185	83	84522	21.112	ug/l #	84
40) Benzene	8.161	78	196319	21.829	ug/l	95

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Reviewed By : John Carlone 05/12/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	20041m	24.014	ug/l	
42) 1,2-Dichloroethane	8.234	62	53755	23.057	ug/l	86
43) Isopropyl Acetate	8.271	43	66876	23.918	ug/l #	86
44) Trichloroethene	8.935	130	56512	21.531	ug/l	92
45) 1,2-Dichloropropane	9.216	63	48540	22.121	ug/l	92
46) Dibromomethane	9.307	93	30399	22.135	ug/l	92
47) Bromodichloromethane	9.496	83	67408	21.981	ug/l	98
48) Methyl methacrylate	9.289	41	29513	24.248	ug/l #	75
49) 1,4-Dioxane	9.295	88	7675	462.135	ug/l #	79
51) 4-Methyl-2-Pentanone	10.069	43	183008	125.146	ug/l #	84
52) Toluene	10.240	92	127361	21.752	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	72996	22.150	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	83108	22.099	ug/l #	77
55) 1,1,2-Trichloroethane	10.642	97	44541	22.742	ug/l	98
56) Ethyl methacrylate	10.508	69	57891	23.358	ug/l #	71
57) 1,3-Dichloropropane	10.788	76	73555	22.960	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	139864	113.973	ug/l	93
59) 2-Hexanone	10.831	43	126558	126.360	ug/l	80
60) Dibromochloromethane	10.983	129	54478	22.906	ug/l	100
61) 1,2-Dibromoethane	11.087	107	44715	23.168	ug/l	100
64) Tetrachloroethene	10.721	164	47629	20.597	ug/l	98
65) Chlorobenzene	11.514	112	141541	21.326	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	52688	21.377	ug/l	97
67) Ethyl Benzene	11.593	91	238590	20.919	ug/l	96
68) m/p-Xylenes	11.703	106	192038	42.083	ug/l	91
69) o-Xylene	12.032	106	91579	21.154	ug/l	89
70) Styrene	12.044	104	153492	21.354	ug/l	94
71) Bromoform	12.209	173	35905	22.603	ug/l #	99
73) Isopropylbenzene	12.331	105	237168	19.843	ug/l	99
74) N-amyl acetate	12.142	43	60503	22.545	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.581	83	56630	22.636	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	39147m	22.198	ug/l	
77) Bromobenzene	12.611	156	60759	20.317	ug/l	89
78) n-propylbenzene	12.672	91	287794	20.252	ug/l	96
79) 2-Chlorotoluene	12.758	91	159393	20.275	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	194794	20.122	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.380	75	19158	21.613	ug/l #	80
82) 4-Chlorotoluene	12.855	91	164736	20.207	ug/l	94
83) tert-Butylbenzene	13.075	119	173375	19.964	ug/l	90
84) 1,2,4-Trimethylbenzene	13.117	105	199048	20.821	ug/l	97
85) sec-Butylbenzene	13.251	105	260467	20.293	ug/l	99
86) p-Isopropyltoluene	13.367	119	217774	20.418	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	119343	20.631	ug/l	97
88) 1,4-Dichlorobenzene	13.446	146	119712	20.871	ug/l	99
89) n-Butylbenzene	13.696	91	201607	20.654	ug/l	98
90) Hexachloroethane	13.965	117	42670	20.605	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	107825	21.015	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8190	22.119	ug/l	65
93) 1,2,4-Trichlorobenzene	15.007	180	68359	20.855	ug/l	100
94) Hexachlorobutadiene	15.111	225	36760	20.466	ug/l	95
95) Naphthalene	15.239	128	146667	21.872	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	61899	21.429	ug/l	99

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Quant Title : SW846 8260
QLast Update : Mon May 09 19:21:20 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

