

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
 Data File : VY008834.D
 Acq On : 18 May 2022 23:50
 Operator : KP/MD
 Sample : VY0518SBS03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0518SBS03

Quant Time: May 19 03:15:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/23/2022
 Supervised By :Mahesh Dadoda 05/23/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	131088	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	225506	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	220776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	119480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	77692	63.886	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 127.780%			
35) Dibromofluoromethane	7.716	113	72759	55.222	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.440%			
50) Toluene-d8	10.179	98	295054	50.355	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.720%			
62) 4-Bromofluorobenzene	12.483	95	99889	47.947	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	21496	23.031	ug/l	93
3) Chloromethane	2.113	50	30912	20.060	ug/l	98
4) Vinyl Chloride	2.253	62	44676	20.434	ug/l	96
5) Bromomethane	2.638	94	49861	31.561	ug/l	100
6) Chloroethane	2.790	64	34219	21.457	ug/l	99
7) Trichlorofluoromethane	3.125	101	41350	20.263	ug/l	94
8) Diethyl Ether	3.528	74	14294	24.610	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.893	101	25715	21.187	ug/l	95
10) Methyl Iodide	4.088	142	27169	20.005	ug/l	93
11) Tert butyl alcohol	4.960	59	12578	93.583	ug/l #	77
12) 1,1-Dichloroethene	3.875	96	23223	20.878	ug/l	82
13) Acrolein	3.723	56	8029	120.755	ug/l	90
14) Allyl chloride	4.479	41	32854	20.080	ug/l #	80
15) Acrylonitrile	5.168	53	37312	94.734	ug/l	97
16) Acetone	3.942	43	27032	81.563	ug/l	97
17) Carbon Disulfide	4.192	76	67508	21.190	ug/l	96
18) Methyl Acetate	4.473	43	21005	21.668	ug/l #	87
19) Methyl tert-butyl Ether	5.216	73	71647	23.916	ug/l	93
20) Methylene Chloride	4.710	84	39077	28.345	ug/l #	82
21) trans-1,2-Dichloroethene	5.222	96	28618	20.983	ug/l	87
22) Diisopropyl ether	6.113	45	84603	24.417	ug/l	98
23) Vinyl Acetate	6.058	43	260654	106.691	ug/l #	95
24) 1,1-Dichloroethane	6.015	63	51043	22.201	ug/l	98
25) 2-Butanone	6.984	43	47232	92.548	ug/l #	81
26) 2,2-Dichloropropane	6.978	77	41586	19.030	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	33133	21.903	ug/l	88
28) Bromochloromethane	7.326	49	19883	22.810	ug/l	89
29) Tetrahydrofuran	7.344	42	31883	93.780	ug/l #	87
30) Chloroform	7.509	83	54990	22.308	ug/l	100
31) Cyclohexane	7.783	56	43434	20.807	ug/l	88
32) 1,1,1-Trichloroethane	7.704	97	48505	21.223	ug/l	98
36) 1,1-Dichloropropene	7.917	75	40593	19.236	ug/l	98
37) Ethyl Acetate	7.070	43	22323	17.751	ug/l #	94
38) Carbon Tetrachloride	7.899	117	42573	18.824	ug/l	98
39) Methylcyclohexane	9.185	83	48133	19.233	ug/l	88
40) Benzene	8.155	78	120206	20.358	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	13730m	20.761	ug/l	
42) 1,2-Dichloroethane	8.234	62	36967	21.328	ug/l	91
43) Isopropyl Acetate	8.271	43	42083	20.102	ug/l #	91
44) Trichloroethene	8.935	130	30881	19.226	ug/l	98
45) 1,2-Dichloropropane	9.216	63	30971	22.070	ug/l	94
46) Dibromomethane	9.307	93	18821	20.410	ug/l	95
47) Bromodichloromethane	9.496	83	43352	21.207	ug/l	98
48) Methyl methacrylate	9.289	41	17958	19.536	ug/l #	84
49) 1,4-Dioxane	9.289	88	4544	328.071	ug/l #	88
51) 4-Methyl-2-Pentanone	10.069	43	114827	92.912	ug/l	93
52) Toluene	10.246	92	82136	20.471	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	43102	20.299	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	48351	21.117	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	26413	21.064	ug/l	97
56) Ethyl methacrylate	10.508	69	32302	21.232	ug/l	86
57) 1,3-Dichloropropane	10.789	76	42772	20.744	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	78449	101.121	ug/l	97
59) 2-Hexanone	10.831	43	79209	89.701	ug/l	90
60) Dibromochloromethane	10.984	129	30875	20.510	ug/l	98
61) 1,2-Dibromoethane	11.087	107	25239	20.183	ug/l	97
64) Tetrachloroethene	10.715	164	27319	19.331	ug/l	97
65) Chlorobenzene	11.514	112	89509	20.032	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	32120	19.676	ug/l	96
67) Ethyl Benzene	11.593	91	154783	19.397	ug/l	99
68) m/p-Xylenes	11.703	106	125431	39.457	ug/l	90
69) o-Xylene	12.032	106	58606	19.952	ug/l	89
70) Styrene	12.044	104	98349	19.779	ug/l	95
71) Bromoform	12.209	173	20003	18.051	ug/l #	97
73) Isopropylbenzene	12.331	105	154694	18.878	ug/l	100
74) N-amyl acetate	12.142	43	39585	20.238	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	33693	18.495	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	24666m	17.872	ug/l	
77) Bromobenzene	12.605	156	37578	19.791	ug/l	93
78) n-propylbenzene	12.672	91	192903	19.162	ug/l	99
79) 2-Chlorotoluene	12.758	91	105049	19.266	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	132415	20.014	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	10448	16.558	ug/l	89
82) 4-Chlorotoluene	12.855	91	114085	19.806	ug/l	97
83) tert-Butylbenzene	13.075	119	116006	19.497	ug/l	93
84) 1,2,4-Trimethylbenzene	13.123	105	132348	20.206	ug/l	97
85) sec-Butylbenzene	13.251	105	182130	19.619	ug/l	98
86) p-Isopropyltoluene	13.373	119	150988	19.947	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	78212	19.604	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	79441	20.131	ug/l	98
89) n-Butylbenzene	13.697	91	140539	19.560	ug/l	98
90) Hexachloroethane	13.959	117	29427	20.562	ug/l	79
91) 1,2-Dichlorobenzene	13.739	146	71845	20.593	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5346	17.163	ug/l	77
93) 1,2,4-Trichlorobenzene	15.007	180	38353	20.131	ug/l	98
94) Hexachlorobutadiene	15.111	225	21396	19.517	ug/l	98
95) Naphthalene	15.239	128	79753	18.725	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	34653	20.705	ug/l	99

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

