

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041122\
 Data File : VY008265.D
 Acq On : 11 Apr 2022 11:40
 Operator : KP/MD
 Sample : VY0411SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0411SBS01

Quant Time: Apr 12 06:56:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/12/2022
 Supervised By :Mahesh Dadoda 04/12/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	115258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	201840	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	190875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	60635	56.006	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.020%			
35) Dibromofluoromethane	7.716	113	64106	54.989	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.980%			
50) Toluene-d8	10.179	98	227537	57.040	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 114.080%			
62) 4-Bromofluorobenzene	12.483	95	82181	54.773	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	23639	24.766	ug/l	99
3) Chloromethane	2.113	50	29803	24.760	ug/l	95
4) Vinyl Chloride	2.253	62	39558	24.092	ug/l	99
5) Bromomethane	2.644	94	35959	26.014	ug/l	96
6) Chloroethane	2.790	64	27582	23.983	ug/l	93
7) Trichlorofluoromethane	3.125	101	48164	24.651	ug/l	90
8) Diethyl Ether	3.534	74	15787	22.358	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.906	101	30862	24.317	ug/l	93
10) Methyl Iodide	4.095	142	27604	20.923	ug/l	90
11) Tert butyl alcohol	4.954	59	12973	112.084	ug/l #	91
12) 1,1-Dichloroethene	3.875	96	27682	24.350	ug/l #	78
13) Acrolein	3.729	56	7437	81.604	ug/l	99
14) Allyl chloride	4.479	41	35705	24.066	ug/l #	91
15) Acrylonitrile	5.168	53	38053	110.186	ug/l	98
16) Acetone	3.948	43	29917	114.888	ug/l #	87
17) Carbon Disulfide	4.192	76	76200	25.408	ug/l	99
18) Methyl Acetate	4.479	43	18051	25.588	ug/l #	83
19) Methyl tert-butyl Ether	5.222	73	79196	22.574	ug/l	92
20) Methylene Chloride	4.716	84	33018	19.225	ug/l #	77
21) trans-1,2-Dichloroethene	5.222	96	32303	23.716	ug/l #	76
22) Diisopropyl ether	6.119	45	81751	23.355	ug/l #	91
23) Vinyl Acetate	6.064	43	255509	112.655	ug/l #	87
24) 1,1-Dichloroethane	6.015	63	53099	23.632	ug/l	98
25) 2-Butanone	6.984	43	46590	114.421	ug/l #	76
26) 2,2-Dichloropropane	6.984	77	50102	24.214	ug/l	93
27) cis-1,2-Dichloroethene	6.984	96	37558	23.240	ug/l	82
28) Bromochloromethane	7.332	49	17025	19.768	ug/l #	68
29) Tetrahydrofuran	7.350	42	30066	114.367	ug/l #	75
30) Chloroform	7.509	83	57658	22.981	ug/l	97
31) Cyclohexane	7.789	56	47339	24.180	ug/l #	79
32) 1,1,1-Trichloroethane	7.704	97	52871	24.090	ug/l	95
36) 1,1-Dichloropropene	7.917	75	44600	23.958	ug/l	97
37) Ethyl Acetate	7.070	43	20842	21.713	ug/l #	89
38) Carbon Tetrachloride	7.899	117	46407	23.172	ug/l	95
39) Methylcyclohexane	9.185	83	57611	24.052	ug/l #	84
40) Benzene	8.161	78	127163	22.939	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	11748m	21.877	ug/l	
42) 1,2-Dichloroethane	8.240	62	36074	22.430	ug/l	87
43) Isopropyl Acetate	8.271	43	39297	22.059	ug/l #	86
44) Trichloroethene	8.941	130	36679	23.216	ug/l	98
45) 1,2-Dichloropropane	9.216	63	30762	22.716	ug/l	97
46) Dibromomethane	9.307	93	20038	22.356	ug/l	95
47) Bromodichloromethane	9.496	83	44585	22.118	ug/l	98
48) Methyl methacrylate	9.295	41	16844	22.242	ug/l #	75
49) 1,4-Dioxane	9.295	88	5146	444.895	ug/l #	80
51) 4-Methyl-2-Pentanone	10.069	43	100861	109.644	ug/l #	83
52) Toluene	10.246	92	84241	23.065	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	45234	22.019	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	50453	21.769	ug/l #	82
55) 1,1,2-Trichloroethane	10.648	97	27680	21.649	ug/l	99
56) Ethyl methacrylate	10.514	69	34645	22.101	ug/l #	73
57) 1,3-Dichloropropane	10.788	76	45609	22.214	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	67807	109.816	ug/l	91
59) 2-Hexanone	10.831	43	70223	110.942	ug/l	80
60) Dibromochloromethane	10.984	129	31871	21.340	ug/l	98
61) 1,2-Dibromoethane	11.093	107	26961	21.568	ug/l	99
64) Tetrachloroethene	10.721	164	30390	22.590	ug/l	96
65) Chlorobenzene	11.520	112	92299	22.298	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	34496	22.333	ug/l	97
67) Ethyl Benzene	11.593	91	160838	22.848	ug/l	98
68) m/p-Xylenes	11.703	106	126664	45.244	ug/l	93
69) o-Xylene	12.032	106	60306	22.198	ug/l	92
70) Styrene	12.044	104	100130	22.348	ug/l	94
71) Bromoform	12.209	173	19169	20.588	ug/l #	98
73) Isopropylbenzene	12.331	105	161664	22.990	ug/l	99
74) N-amyl acetate	12.148	43	33789	22.132	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.581	83	32630	21.929	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	20474m	19.573	ug/l	
77) Bromobenzene	12.611	156	36702	21.299	ug/l	94
78) n-propylbenzene	12.672	91	194718	23.466	ug/l	98
79) 2-Chlorotoluene	12.758	91	106561	22.883	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	130103	22.563	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	10535	22.534	ug/l #	81
82) 4-Chlorotoluene	12.855	91	106896	22.337	ug/l	95
83) tert-Butylbenzene	13.075	119	117933	22.798	ug/l	93
84) 1,2,4-Trimethylbenzene	13.123	105	129559	22.704	ug/l	97
85) sec-Butylbenzene	13.258	105	179568	23.415	ug/l	100
86) p-Isopropyltoluene	13.373	119	145946	22.805	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	74145	21.726	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	73253	21.688	ug/l	99
89) n-Butylbenzene	13.696	91	136246	23.564	ug/l	100
90) Hexachloroethane	13.965	117	27108	22.663	ug/l	83
91) 1,2-Dichlorobenzene	13.739	146	65863	21.692	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4354	20.452	ug/l	70
93) 1,2,4-Trichlorobenzene	15.007	180	35787	19.928	ug/l	99
94) Hexachlorobutadiene	15.117	225	19445	21.328	ug/l	99
95) Naphthalene	15.239	128	74632	19.401	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	31126	19.806	ug/l	99

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

