

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020922\
 Data File : VY007443.D
 Acq On : 09 Feb 2022 10:53
 Operator : SY/MD
 Sample : VY0209SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0209SBS01

Quant Time: Feb 10 05:32:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/10/2022
 Supervised By :Semsettin Yesilyurt 02/10/2022

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	126066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	212026	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	182483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82552	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	68159	47.004	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.000%		
35) Dibromofluoromethane	7.722	113	63299	46.492	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.980%		
50) Toluene-d8	10.185	98	233271	46.375	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.760%		
62) 4-Bromofluorobenzene	12.483	95	78586	45.966	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	91.940%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	30842	20.896	ug/l	98
3) Chloromethane	2.119	50	32375	17.849	ug/l	94
4) Vinyl Chloride	2.260	62	34867	20.033	ug/l	99
5) Bromomethane	2.650	94	23427	22.222	ug/l	99
6) Chloroethane	2.796	64	21200	19.833	ug/l	97
7) Trichlorofluoromethane	3.131	101	57523	20.395	ug/l	93
8) Diethyl Ether	3.534	74	16109	19.241	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.899	101	32157	20.244	ug/l	95
10) Methyl Iodide	4.101	142	32583	19.028	ug/l	94
11) Tert butyl alcohol	4.966	59	12134	30.555	ug/l	96
12) 1,1-Dichloroethene	3.875	96	29787	20.301	ug/l	90
13) Acrolein	3.729	56	14000	71.870	ug/l	98
14) Allyl chloride	4.485	41	42585	18.896	ug/l #	94
15) Acrylonitrile	5.168	53	36994	94.051	ug/l	99
16) Acetone	3.954	43	36786	78.111	ug/l #	87
17) Carbon Disulfide	4.198	76	90111	19.562	ug/l	98
18) Methyl Acetate	4.479	43	16805	19.052	ug/l #	90
19) Methyl tert-butyl Ether	5.222	73	78527	18.996	ug/l	96
20) Methylene Chloride	4.729	84	29934	18.150	ug/l	84
21) trans-1,2-Dichloroethene	5.228	96	31791	19.585	ug/l	89
22) Diisopropyl ether	6.119	45	89380	18.928	ug/l	97
23) Vinyl Acetate	6.064	43	282738	91.807	ug/l #	91
24) 1,1-Dichloroethane	6.021	63	54532	19.121	ug/l	99
25) 2-Butanone	6.990	43	48532	85.295	ug/l #	83
26) 2,2-Dichloropropane	6.984	77	53015	19.427	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	34869	19.448	ug/l	90
28) Bromochloromethane	7.338	49	20202	18.116	ug/l #	83
29) Tetrahydrofuran	7.350	42	29886	90.896	ug/l #	85
30) Chloroform	7.515	83	58523	19.726	ug/l	100
31) Cyclohexane	7.783	56	54162	19.142	ug/l	96
32) 1,1,1-Trichloroethane	7.704	97	54338	19.706	ug/l	97
36) 1,1-Dichloropropene	7.923	75	46578	19.569	ug/l	98
37) Ethyl Acetate	7.076	43	21206	17.921	ug/l	98
38) Carbon Tetrachloride	7.905	117	48899	19.554	ug/l	98
39) Methylcyclohexane	9.185	83	59145	19.786	ug/l	91
40) Benzene	8.167	78	122082	19.350	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	11477m	19.517	ug/l	
42) 1,2-Dichloroethane	8.240	62	36288	18.921	ug/l	93
43) Isopropyl Acetate	8.277	43	39941	18.048	ug/l #	88
44) Trichloroethene	8.941	130	34194	20.045	ug/l	94
45) 1,2-Dichloropropane	9.222	63	30189	19.405	ug/l	99
46) Dibromomethane	9.307	93	17678	19.099	ug/l	91
47) Bromodichloromethane	9.496	83	43313	19.352	ug/l	94
48) Methyl methacrylate	9.295	41	18421	18.406	ug/l #	88
49) 1,4-Dioxane	9.301	88	3996	394.134	ug/l	86
51) 4-Methyl-2-Pentanone	10.069	43	102960	91.735	ug/l	90
52) Toluene	10.246	92	77517	19.500	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	43933	18.789	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	49697	18.976	ug/l #	87
55) 1,1,2-Trichloroethane	10.648	97	24060	19.792	ug/l	98
56) Ethyl methacrylate	10.514	69	31662	18.752	ug/l #	84
57) 1,3-Dichloropropane	10.795	76	41492	19.251	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	80983	92.206	ug/l	96
59) 2-Hexanone	10.831	43	72808	88.980	ug/l	90
60) Dibromochloromethane	10.984	129	29455	19.463	ug/l	99
61) 1,2-Dibromoethane	11.093	107	23545	19.577	ug/l	99
64) Tetrachloroethene	10.721	164	30105	21.022	ug/l #	88
65) Chlorobenzene	11.520	112	80318	19.785	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	29822	19.679	ug/l	96
67) Ethyl Benzene	11.593	91	155058	20.129	ug/l	98
68) m/p-Xylenes	11.703	106	113258	39.697	ug/l	98
69) o-Xylene	12.032	106	53531	19.845	ug/l	100
70) Styrene	12.044	104	88617	19.929	ug/l	98
71) Bromoform	12.209	173	16736	20.017	ug/l #	97
73) Isopropylbenzene	12.331	105	148225	19.646	ug/l	97
74) N-amyl acetate	12.148	43	34015	18.214	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.587	83	26674	19.360	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	20927m	21.324	ug/l	
77) Bromobenzene	12.611	156	31313	19.703	ug/l	98
78) n-propylbenzene	12.672	91	181421	19.853	ug/l	99
79) 2-Chlorotoluene	12.758	91	98629	19.494	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	124106	20.164	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	9104	18.585	ug/l	86
82) 4-Chlorotoluene	12.855	91	101589	19.549	ug/l	99
83) tert-Butylbenzene	13.075	119	109356	20.410	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	119295	19.686	ug/l	99
85) sec-Butylbenzene	13.258	105	159872	19.893	ug/l	98
86) p-Isopropyltoluene	13.373	119	132344	20.215	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	60540	19.648	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	61216	19.930	ug/l	98
89) n-Butylbenzene	13.696	91	127860	20.291	ug/l	99
90) Hexachloroethane	13.959	117	24955	20.170	ug/l	79
91) 1,2-Dichlorobenzene	13.739	146	53880	19.866	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4019	17.950	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	31947	19.890	ug/l	98
94) Hexachlorobutadiene	15.111	225	17555	19.744	ug/l	94
95) Naphthalene	15.239	128	64851	19.429	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	26073	19.231	ug/l	97

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

