

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042822\
 Data File : VY008540.D
 Acq On : 28 Apr 2022 12:14
 Operator : KP/MD
 Sample : VY0427SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0428SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/29/2022
 Supervised By :Semsettin Yesilyurt 04/29/2022

Quant Time: Apr 29 01:59:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	110636	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	187852	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	174160	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85494	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	65038	49.961	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.920%		
35) Dibromofluoromethane	7.721	113	62664	51.687	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.380%		
50) Toluene-d8	10.178	98	231481	48.002	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.000%		
62) 4-Bromofluorobenzene	12.483	95	79818	48.893	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.780%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.905	85	19928	19.835	ug/l	96
3) Chloromethane	2.113	50	31299	19.798	ug/l	96
4) Vinyl Chloride	2.253	62	41513	20.208	ug/l	99
5) Bromomethane	2.643	94	38929	20.381	ug/l	100
6) Chloroethane	2.789	64	28647	20.962	ug/l	98
7) Trichlorofluoromethane	3.125	101	45357	21.314	ug/l	89
8) Diethyl Ether	3.533	74	14405	19.668	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.899	101	27116	21.405	ug/l	94
10) Methyl Iodide	4.094	142	28055	17.932	ug/l	90
11) Tert butyl alcohol	4.948	59	16331	110.216	ug/l	100
12) 1,1-Dichloroethene	3.868	96	25055	20.950	ug/l	80
13) Acrolein	3.728	56	12231	88.250	ug/l	96
14) Allyl chloride	4.484	41	31970	20.480	ug/l #	86
15) Acrylonitrile	5.155	53	35729	95.408	ug/l	98
16) Acetone	3.948	43	27196	89.694	ug/l #	89
17) Carbon Disulfide	4.192	76	69871	19.324	ug/l	99
18) Methyl Acetate	4.478	43	17106	20.117	ug/l #	82
19) Methyl tert-butyl Ether	5.216	73	74836	19.776	ug/l #	90
20) Methylene Chloride	4.710	84	33508	17.202	ug/l #	78
21) trans-1,2-Dichloroethene	5.222	96	29616	20.300	ug/l #	81
22) Diisopropyl ether	6.118	45	74789	19.839	ug/l #	94
23) Vinyl Acetate	6.057	43	251829	97.438	ug/l #	88
24) 1,1-Dichloroethane	6.014	63	48080	20.490	ug/l	97
25) 2-Butanone	6.984	43	44017	93.836	ug/l #	78
26) 2,2-Dichloropropane	6.984	77	46491	21.392	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	34044	20.401	ug/l	84
28) Bromochloromethane	7.331	49	17777	18.781	ug/l #	76
29) Tetrahydrofuran	7.343	42	29214	96.694	ug/l #	74
30) Chloroform	7.508	83	52782	20.475	ug/l	98
31) Cyclohexane	7.782	56	42829	20.013	ug/l #	77
32) 1,1,1-Trichloroethane	7.703	97	48136	21.324	ug/l	96
36) 1,1-Dichloropropene	7.917	75	39153	20.303	ug/l	96
37) Ethyl Acetate	7.075	43	21271	19.944	ug/l #	91
38) Carbon Tetrachloride	7.898	117	42612	21.267	ug/l	95
39) Methylcyclohexane	9.185	83	53302	21.586	ug/l #	85
40) Benzene	8.160	78	115314	20.496	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	9845m	19.035	ug/l	
42) 1,2-Dichloroethane	8.240	62	34317	20.259	ug/l	91
43) Isopropyl Acetate	8.270	43	39678	20.229	ug/l #	88
44) Trichloroethene	8.941	130	32880	21.212	ug/l	97
45) 1,2-Dichloropropane	9.215	63	28160	20.843	ug/l	93
46) Dibromomethane	9.307	93	18674	19.728	ug/l	95
47) Bromodichloromethane	9.496	83	41530	20.668	ug/l	98
48) Methyl methacrylate	9.294	41	17178	20.597	ug/l #	80
49) 1,4-Dioxane	9.294	88	4848	406.164	ug/l #	73
51) 4-Methyl-2-Pentanone	10.069	43	104208	100.991	ug/l #	86
52) Toluene	10.245	92	76036	20.436	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	43415	20.148	ug/l	97
54) cis-1,3-Dichloropropene	9.928	75	48912	20.483	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	25947	20.084	ug/l	95
56) Ethyl methacrylate	10.508	69	33460	20.059	ug/l #	78
57) 1,3-Dichloropropane	10.794	76	42993	20.386	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	82480	90.220	ug/l	91
59) 2-Hexanone	10.831	43	71194	100.263	ug/l	83
60) Dibromochloromethane	10.983	129	30392	20.476	ug/l	99
61) 1,2-Dibromoethane	11.087	107	25341	19.832	ug/l	100
64) Tetrachloroethene	10.721	164	28821	22.315	ug/l	98
65) Chlorobenzene	11.520	112	83823	21.286	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	31085	21.381	ug/l	96
67) Ethyl Benzene	11.593	91	147429	21.572	ug/l	97
68) m/p-Xylenes	11.702	106	115879	42.329	ug/l	93
69) o-Xylene	12.032	106	55231	20.956	ug/l	93
70) Styrene	12.044	104	92521	20.831	ug/l	94
71) Bromoform	12.208	173	18069	19.831	ug/l #	100
73) Isopropylbenzene	12.330	105	144956	22.363	ug/l	99
74) N-amyl acetate	12.147	43	34968	21.833	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.580	83	30517	21.071	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	19724m	17.827	ug/l	
77) Bromobenzene	12.611	156	34382	21.749	ug/l	93
78) n-propylbenzene	12.672	91	175637	22.590	ug/l	98
79) 2-Chlorotoluene	12.757	91	96447	22.040	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	118072	21.945	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	9955	20.873	ug/l	85
82) 4-Chlorotoluene	12.855	91	99556	21.954	ug/l	96
83) tert-Butylbenzene	13.074	119	106666	22.837	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	116750	21.869	ug/l	96
85) sec-Butylbenzene	13.257	105	161676	22.936	ug/l	100
86) p-Isopropyltoluene	13.373	119	132462	22.439	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	68270	21.570	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	67806	21.627	ug/l	97
89) n-Butylbenzene	13.696	91	125027	23.335	ug/l	99
90) Hexachloroethane	13.964	117	24554	23.135	ug/l	82
91) 1,2-Dichlorobenzene	13.739	146	59815	21.255	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4562	20.960	ug/l	82
93) 1,2,4-Trichlorobenzene	15.007	180	34386	21.951	ug/l	99
94) Hexachlorobutadiene	15.116	225	17516	22.917	ug/l	98
95) Naphthalene	15.238	128	75345	21.217	ug/l	98
96) 1,2,3-Trichlorobenzene	15.427	180	30103	21.955	ug/l	99

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

