

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061722\
 Data File : VY009218.D
 Acq On : 17 Jun 2022 11:46
 Operator : KP/MD
 Sample : VY0617SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0617SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/20/2022
 Supervised By :Mahesh Dadoda 06/20/2022

Quant Time: Jun 17 14:15:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 16 02:54:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	177398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	287537	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	263033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	126975	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	95988	51.799	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.600%			
35) Dibromofluoromethane	7.716	113	91742	50.890	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.780%			
50) Toluene-d8	10.173	98	354431	51.648	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.300%			
62) 4-Bromofluorobenzene	12.477	95	125897	51.627	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	29729	22.139	ug/l	97
3) Chloromethane	2.107	50	33833	20.336	ug/l	99
4) Vinyl Chloride	2.241	62	36435	20.863	ug/l	99
5) Bromomethane	2.631	94	24958	20.343	ug/l	90
6) Chloroethane	2.778	64	22822	20.884	ug/l	98
7) Trichlorofluoromethane	3.113	101	58864	21.101	ug/l	96
8) Diethyl Ether	3.521	74	21905	20.695	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.887	101	36664	21.375	ug/l	96
10) Methyl Iodide	4.082	142	44218	20.181	ug/l	90
11) Tert butyl alcohol	4.917	59	44000	149.663	ug/l #	77
12) 1,1-Dichloroethene	3.863	96	35508	21.035	ug/l	82
13) Acrolein	3.723	56	7695	137.590	ug/l	96
14) Allyl chloride	4.472	41	64644	21.221	ug/l	92
15) Acrylonitrile	5.155	53	58977	104.175	ug/l	99
16) Acetone	3.942	43	46680	100.002	ug/l	97
17) Carbon Disulfide	4.180	76	102504	20.975	ug/l	98
18) Methyl Acetate	4.466	43	31682	21.488	ug/l #	91
19) Methyl tert-butyl Ether	5.210	73	106012	20.814	ug/l	97
20) Methylene Chloride	4.704	84	48381	21.380	ug/l	90
21) trans-1,2-Dichloroethene	5.210	96	41721	21.093	ug/l	88
22) Diisopropyl ether	6.112	45	139115	22.148	ug/l #	92
23) Vinyl Acetate	6.051	43	427448	108.179	ug/l	98
24) 1,1-Dichloroethane	6.009	63	74293	20.933	ug/l	99
25) 2-Butanone	6.978	43	78906	106.825	ug/l #	88
26) 2,2-Dichloropropane	6.972	77	67597	21.495	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	48403	20.865	ug/l	90
28) Bromochloromethane	7.325	49	31124	20.459	ug/l	92
29) Tetrahydrofuran	7.344	42	52299	106.635	ug/l	93
30) Chloroform	7.502	83	77368	21.192	ug/l	97
31) Cyclohexane	7.777	56	69461	20.925	ug/l	91
32) 1,1,1-Trichloroethane	7.691	97	66865	20.830	ug/l	96
36) 1,1-Dichloropropene	7.911	75	57024	20.563	ug/l	95
37) Ethyl Acetate	7.069	43	34510	20.913	ug/l #	92
38) Carbon Tetrachloride	7.892	117	60096	20.958	ug/l	92
39) Methylcyclohexane	9.179	83	72297	21.625	ug/l	94
40) Benzene	8.155	78	176624	21.811	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	17951	19.449	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	49453	20.939	ug/l	91
43) Isopropyl Acetate	8.270	43	64458	21.118	ug/l #	93
44) Trichloroethene	8.935	130	49500	21.385	ug/l	99
45) 1,2-Dichloropropane	9.209	63	44189	21.527	ug/l	97
46) Dibromomethane	9.301	93	25119	21.274	ug/l	97
47) Bromodichloromethane	9.490	83	58931	20.940	ug/l	99
48) Methyl methacrylate	9.289	41	28358	20.816	ug/l #	86
49) 1,4-Dioxane	9.301	88	6782	403.787	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	170574	106.242	ug/l	92
52) Toluene	10.240	92	112072	21.675	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	61861	20.956	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	71713	21.510	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	36334	21.745	ug/l	98
56) Ethyl methacrylate	10.508	69	46404	20.486	ug/l	88
57) 1,3-Dichloropropane	10.788	76	61639	21.594	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	101084	102.949	ug/l	97
59) 2-Hexanone	10.831	43	117136	106.350	ug/l	89
60) Dibromochloromethane	10.983	129	42635	20.841	ug/l	100
61) 1,2-Dibromoethane	11.087	107	35069	21.534	ug/l	99
64) Tetrachloroethene	10.715	164	52811	21.672	ug/l	96
65) Chlorobenzene	11.514	112	120183	21.092	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	44216	21.189	ug/l	96
67) Ethyl Benzene	11.587	91	215317	21.656	ug/l	97
68) m/p-Xylenes	11.697	106	166879	42.572	ug/l	92
69) o-Xylene	12.026	106	78817	21.221	ug/l	93
70) Styrene	12.038	104	131109	21.043	ug/l	96
71) Bromoform	12.203	173	26867	20.158	ug/l #	99
73) Isopropylbenzene	12.325	105	209724	21.945	ug/l	98
74) N-amyl acetate	12.142	43	55117	20.676	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	39636	20.955	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	29368m	20.947	ug/l	
77) Bromobenzene	12.605	156	50181	21.372	ug/l	94
78) n-propylbenzene	12.666	91	255332	22.082	ug/l	98
79) 2-Chlorotoluene	12.751	91	143441	22.017	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	172314	21.573	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	14579	20.723	ug/l	86
82) 4-Chlorotoluene	12.849	91	143937	21.174	ug/l	96
83) tert-Butylbenzene	13.074	119	151745	21.608	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	171573	21.884	ug/l	97
85) sec-Butylbenzene	13.251	105	229090	22.030	ug/l	99
86) p-Isopropyltoluene	13.367	119	185978	21.551	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	96741	21.363	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	98629	21.456	ug/l	98
89) n-Butylbenzene	13.696	91	177268	21.723	ug/l	99
90) Hexachloroethane	13.958	117	34830	21.405	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	88515	21.615	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6720	19.690	ug/l	80
93) 1,2,4-Trichlorobenzene	15.007	180	57389	22.290	ug/l	98
94) Hexachlorobutadiene	15.111	225	33546	23.706	ug/l	97
95) Naphthalene	15.233	128	116756	21.742	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	50942	22.481	ug/l	98

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

