

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111921\
 Data File : VY006822.D
 Acq On : 19 Nov 2021 12:00
 Operator : SY/MD
 Sample : VY1119SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1119SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/19/2021
 Supervised By : Mahesh Dadoda 11/19/2021

Quant Time: Nov 19 18:16:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	123948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	198084	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	184429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88183	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	82502	50.787	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.580%			
35) Dibromofluoromethane	7.722	113	62138	51.071	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.140%			
50) Toluene-d8	10.185	98	260347	51.708	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.420%			
62) 4-Bromofluorobenzene	12.483	95	88667	52.238	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.480%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	27133	22.795	ug/l	99
3) Chloromethane	2.119	50	42318	23.632	ug/l	100
4) Vinyl Chloride	2.259	62	44072	24.241	ug/l	98
5) Bromomethane	2.649	94	23535	24.294	ug/l	97
6) Chloroethane	2.802	64	24843	22.336	ug/l	99
7) Trichlorofluoromethane	3.131	101	52372	22.986	ug/l	100
8) Diethyl Ether	3.539	74	18114	23.871	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.911	101	28482	23.537	ug/l	98
10) Methyl Iodide	4.100	142	33906	22.416	ug/l	98
11) Tert butyl alcohol	4.954	59	20109	82.312	ug/l #	92
12) 1,1-Dichloroethene	3.881	96	28058	23.379	ug/l	97
13) Acrolein	3.734	56	4442	129.975	ug/l	99
14) Allyl chloride	4.490	41	63555	23.510	ug/l	98
15) Acrylonitrile	5.167	53	49061	112.093	ug/l	98
16) Acetone	3.960	43	44471	90.102	ug/l	98
17) Carbon Disulfide	4.204	76	96821	22.855	ug/l	99
18) Methyl Acetate	4.490	43	37503	23.473	ug/l	95
19) Methyl tert-butyl Ether	5.234	73	84272	22.277	ug/l	97
20) Methylene Chloride	4.728	84	42780	27.510	ug/l	90
21) trans-1,2-Dichloroethene	5.234	96	32424	23.649	ug/l	93
22) Diisopropyl ether	6.130	45	132383	24.820	ug/l	95
23) Vinyl Acetate	6.069	43	373413	115.939	ug/l	97
24) 1,1-Dichloroethane	6.033	63	65783	24.163	ug/l	99
25) 2-Butanone	6.996	43	67288	100.946	ug/l	95
26) 2,2-Dichloropropane	6.990	77	58448	23.759	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	36034	23.271	ug/l	92
28) Bromochloromethane	7.337	49	28568	22.308	ug/l	85
29) Tetrahydrofuran	7.356	42	43639	106.542	ug/l	93
30) Chloroform	7.514	83	63103	24.111	ug/l	98
31) Cyclohexane	7.789	56	67889	23.777	ug/l	93
32) 1,1,1-Trichloroethane	7.709	97	56276	23.332	ug/l	98
36) 1,1-Dichloropropene	7.923	75	49636	23.054	ug/l	98
37) Ethyl Acetate	7.081	43	30526	21.205	ug/l	98
38) Carbon Tetrachloride	7.904	117	48513	22.029	ug/l	100
39) Methylcyclohexane	9.191	83	58163	22.150	ug/l	97
40) Benzene	8.167	78	139004	22.933	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	21329m	17.646	ug/l	
42) 1,2-Dichloroethane	8.246	62	45567	22.565	ug/l	98
43) Isopropyl Acetate	8.276	43	56704	20.999	ug/l	97
44) Trichloroethene	8.947	130	32845	22.275	ug/l	96
45) 1,2-Dichloropropane	9.221	63	37002	23.661	ug/l	100
46) Dibromomethane	9.313	93	18270	22.431	ug/l	93
47) Bromodichloromethane	9.502	83	47132	22.786	ug/l	96
48) Methyl methacrylate	9.301	41	27295	21.334	ug/l	93
49) 1,4-Dioxane	9.307	88	3945	422.107	ug/l	90
51) 4-Methyl-2-Pentanone	10.075	43	151390	106.434	ug/l	98
52) Toluene	10.246	92	83866	22.786	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	51089	22.723	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	58077	23.032	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	24949	22.945	ug/l	93
56) Ethyl methacrylate	10.514	69	36924	21.846	ug/l	96
57) 1,3-Dichloropropane	10.794	76	46832	23.603	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	98340	106.271	ug/l	95
59) 2-Hexanone	10.837	43	103587	113.608	ug/l	98
60) Dibromochloromethane	10.989	129	29317	21.995	ug/l	97
61) 1,2-Dibromoethane	11.093	107	23051	22.881	ug/l	100
64) Tetrachloroethene	10.721	164	29088	21.583	ug/l	98
65) Chlorobenzene	11.520	112	84134	22.423	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	30627	21.826	ug/l	98
67) Ethyl Benzene	11.593	91	164623	23.147	ug/l	98
68) m/p-Xylenes	11.703	106	121213	44.719	ug/l	99
69) o-Xylene	12.032	106	56681	22.074	ug/l	99
70) Styrene	12.044	104	97095	22.390	ug/l	100
71) Bromoform	12.209	173	17511	20.618	ug/l #	99
73) Isopropylbenzene	12.330	105	156257	23.268	ug/l	99
74) N-amyl acetate	12.148	43	51131	22.844	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.580	83	29226	23.522	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	21570m	22.498	ug/l	
77) Bromobenzene	12.611	156	33816	22.111	ug/l	91
78) n-propylbenzene	12.672	91	194519	23.761	ug/l	98
79) 2-Chlorotoluene	12.757	91	107832	24.070	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	129183	23.471	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	11140	23.023	ug/l	95
82) 4-Chlorotoluene	12.855	91	112898	24.108	ug/l	97
83) tert-Butylbenzene	13.074	119	112416	23.516	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	127169	23.142	ug/l	99
85) sec-Butylbenzene	13.257	105	168990	23.738	ug/l	98
86) p-Isopropyltoluene	13.373	119	138802	23.033	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	67851	22.277	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	68899	22.923	ug/l	98
89) n-Butylbenzene	13.696	91	138047	24.277	ug/l	98
90) Hexachloroethane	13.964	117	25328	23.321	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	59666	22.731	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4737	21.568	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	36107	21.026	ug/l	100
94) Hexachlorobutadiene	15.110	225	23823	21.261	ug/l	99
95) Naphthalene	15.239	128	63083	19.858	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	29896	20.892	ug/l	98

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

