

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111921\
 Data File : VY006821.D
 Acq On : 19 Nov 2021 11:37
 Operator : SY/MD
 Sample : VY1119SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1119SBS01

Quant Time: Nov 19 18:15:31 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	128495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	202350	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	185782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91228	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	83557	49.616	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 99.240%			
35) Dibromofluoromethane	7.728	113	62684	50.433	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.860%			
50) Toluene-d8	10.185	98	257749	50.113	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.220%			
62) 4-Bromofluorobenzene	12.483	95	88851	51.242	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.480%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	27119	21.977	ug/l	97
3) Chloromethane	2.119	50	42347	22.811	ug/l	99
4) Vinyl Chloride	2.260	62	44313	23.511	ug/l	98
5) Bromomethane	2.644	94	24330	24.226	ug/l	96
6) Chloroethane	2.802	64	21619	18.749	ug/l	99
7) Trichlorofluoromethane	3.137	101	53000	22.438	ug/l	98
8) Diethyl Ether	3.540	74	18216	23.156	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.912	101	29035	23.145	ug/l	96
10) Methyl Iodide	4.101	142	32943	21.008	ug/l	99
11) Tert butyl alcohol	4.966	59	22527	88.946	ug/l #	84
12) 1,1-Dichloroethene	3.881	96	28786	23.137	ug/l	93
13) Acrolein	3.735	56	4812	135.819	ug/l	97
14) Allyl chloride	4.491	41	66671	23.790	ug/l	95
15) Acrylonitrile	5.168	53	51429	113.346	ug/l	100
16) Acetone	3.954	43	50295	98.296	ug/l	96
17) Carbon Disulfide	4.204	76	97922	22.297	ug/l	98
18) Methyl Acetate	4.485	43	39621	23.921	ug/l	95
19) Methyl tert-butyl Ether	5.235	73	88760	22.633	ug/l	95
20) Methylene Chloride	4.722	84	43091	26.625	ug/l	95
21) trans-1,2-Dichloroethene	5.228	96	32630	22.957	ug/l	90
22) Diisopropyl ether	6.131	45	134645	24.351	ug/l	94
23) Vinyl Acetate	6.070	43	394144	118.045	ug/l	97
24) 1,1-Dichloroethane	6.033	63	66386	23.522	ug/l	98
25) 2-Butanone	6.990	43	74918	107.565	ug/l	98
26) 2,2-Dichloropropane	6.990	77	59159	23.197	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	36367	22.655	ug/l	91
28) Bromochloromethane	7.344	49	29863	22.494	ug/l	87
29) Tetrahydrofuran	7.356	42	48476	114.163	ug/l	92
30) Chloroform	7.515	83	64127	23.635	ug/l	98
31) Cyclohexane	7.789	56	68270	23.064	ug/l	95
32) 1,1,1-Trichloroethane	7.704	97	56590	22.632	ug/l	99
36) 1,1-Dichloropropene	7.923	75	50746	23.072	ug/l	97
37) Ethyl Acetate	7.082	43	33683	22.905	ug/l	99
38) Carbon Tetrachloride	7.905	117	50043	22.245	ug/l	99
39) Methylcyclohexane	9.191	83	60352	22.499	ug/l	95
40) Benzene	8.167	78	141581	22.866	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	23095m	18.704	ug/l	
42) 1,2-Dichloroethane	8.240	62	47114	22.840	ug/l	98
43) Isopropyl Acetate	8.277	43	61160	22.172	ug/l	98
44) Trichloroethene	8.947	130	33585	22.297	ug/l	99
45) 1,2-Dichloropropane	9.222	63	37412	23.419	ug/l	100
46) Dibromomethane	9.307	93	18526	22.266	ug/l	95
47) Bromodichloromethane	9.502	83	48177	22.800	ug/l	100
48) Methyl methacrylate	9.295	41	30115	23.042	ug/l	91
49) 1,4-Dioxane	9.301	88	4250	445.154	ug/l	96
51) 4-Methyl-2-Pentanone	10.075	43	165615	113.980	ug/l	97
52) Toluene	10.246	92	84468	22.466	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	52648	22.922	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	58481	22.703	ug/l	100
55) 1,1,2-Trichloroethane	10.648	97	25824	23.249	ug/l #	91
56) Ethyl methacrylate	10.514	69	39460	22.855	ug/l	98
57) 1,3-Dichloropropane	10.795	76	48167	23.764	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	103219	109.192	ug/l	95
59) 2-Hexanone	10.837	43	112620	119.380	ug/l	99
60) Dibromochloromethane	10.990	129	30098	22.105	ug/l	99
61) 1,2-Dibromoethane	11.093	107	24009	23.330	ug/l	96
64) Tetrachloroethene	10.721	164	29310	21.590	ug/l	96
65) Chlorobenzene	11.520	112	85346	22.580	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	32075	22.692	ug/l	97
67) Ethyl Benzene	11.593	91	167556	23.387	ug/l	98
68) m/p-Xylenes	11.703	106	125311	45.895	ug/l	100
69) o-Xylene	12.032	106	57581	22.261	ug/l	97
70) Styrene	12.044	104	98280	22.498	ug/l	99
71) Bromoform	12.209	173	18624	21.769	ug/l #	99
73) Isopropylbenzene	12.331	105	159024	22.890	ug/l	98
74) N-amyl acetate	12.148	43	55822	23.933	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	30688	23.874	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	27023m	27.245	ug/l	
77) Bromobenzene	12.611	156	35215	22.257	ug/l	92
78) n-propylbenzene	12.672	91	200256	23.645	ug/l	98
79) 2-Chlorotoluene	12.758	91	109349	23.594	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	132122	23.204	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	11054	22.083	ug/l	97
82) 4-Chlorotoluene	12.855	91	113941	23.518	ug/l	98
83) tert-Butylbenzene	13.075	119	115819	23.419	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	130882	23.023	ug/l	98
85) sec-Butylbenzene	13.258	105	175058	23.770	ug/l	99
86) p-Isopropyltoluene	13.373	119	141986	22.774	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	70262	22.299	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	69666	22.405	ug/l	98
89) n-Butylbenzene	13.696	91	138638	23.567	ug/l	99
90) Hexachloroethane	13.965	117	26462	23.552	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	61226	22.546	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5386	23.704	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	36910	20.776	ug/l	99
94) Hexachlorobutadiene	15.111	225	24655	21.269	ug/l	98
95) Naphthalene	15.239	128	68083	20.717	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	31053	20.976	ug/l	99

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

