

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112221\
 Data File : VY006858.D
 Acq On : 22 Nov 2021 17:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 23 04:48:33 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 11/23/2021
 Supervised By : Mahesh Dadoda 11/23/2021

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	106828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	165167	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	151701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	64313	45.934	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.860%		
35) Dibromofluoromethane	7.722	113	47301	46.624	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.240%		
50) Toluene-d8	10.185	98	198829	47.360	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.720%		
62) 4-Bromofluorobenzene	12.483	95	66755	47.166	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.340%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	53296	51.950	ug/l	96
3) Chloromethane	2.119	50	80806	52.357	ug/l	100
4) Vinyl Chloride	2.259	62	82598	52.713	ug/l	99
5) Bromomethane	2.656	94	49222	58.953	ug/l	99
6) Chloroethane	2.802	64	47452	49.500	ug/l	92
7) Trichlorofluoromethane	3.137	101	109540	55.781	ug/l	98
8) Diethyl Ether	3.534	74	34326	52.485	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.912	101	57887	55.504	ug/l	98
10) Methyl Iodide	4.101	142	70516	54.090	ug/l	99
11) Tert butyl alcohol	4.960	59	31347	148.875	ug/l	95
12) 1,1-Dichloroethene	3.881	96	56874	54.984	ug/l	95
13) Acrolein	3.735	56	23161	786.311	ug/l	97
14) Allyl chloride	4.485	41	125027	53.662	ug/l	98
15) Acrylonitrile	5.167	53	90736	240.534	ug/l	99
16) Acetone	3.954	43	100143	235.413	ug/l	99
17) Carbon Disulfide	4.204	76	194731	53.334	ug/l	99
18) Methyl Acetate	4.485	43	64855	47.097	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	155711	47.757	ug/l	99
20) Methylene Chloride	4.722	84	67775	53.653	ug/l	94
21) trans-1,2-Dichloroethene	5.228	96	59382	50.253	ug/l	98
22) Diisopropyl ether	6.131	45	218880	47.614	ug/l	97
23) Vinyl Acetate	6.070	43	641715	231.172	ug/l	100
24) 1,1-Dichloroethane	6.027	63	112763	48.058	ug/l	99
25) 2-Butanone	6.996	43	117222	192.295	ug/l	98
26) 2,2-Dichloropropane	6.984	77	107861	50.872	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	64872	48.608	ug/l	96
28) Bromochloromethane	7.344	49	49413	44.769	ug/l	94
29) Tetrahydrofuran	7.350	42	73629	208.569	ug/l	97
30) Chloroform	7.515	83	112406	49.832	ug/l	97
31) Cyclohexane	7.789	56	113100	45.960	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	105020	50.519	ug/l	99
36) 1,1-Dichloropropene	7.923	75	88290	49.179	ug/l	100
37) Ethyl Acetate	7.082	43	51053	42.533	ug/l	100
38) Carbon Tetrachloride	7.905	117	95767	52.153	ug/l	98
39) Methylcyclohexane	9.185	83	105717	48.283	ug/l	96
40) Benzene	8.167	78	250874	49.639	ug/l	98

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41) Methacrylonitrile	7.350	41	49662m	49.276	ug/l	
42) 1,2-Dichloroethane	8.240	62	85330	50.678	ug/l	99
43) Isopropyl Acetate	8.277	43	97944	43.500	ug/l	98
44) Trichloroethene	8.947	130	61241	49.810	ug/l	100
45) 1,2-Dichloropropane	9.222	63	62522	47.948	ug/l	100
46) Dibromomethane	9.313	93	31951	47.045	ug/l	99
47) Bromodichloromethane	9.502	83	86019	49.874	ug/l	99
48) Methyl methacrylate	9.295	41	45882	43.009	ug/l	97
49) 1,4-Dioxane	9.301	88	7567	971.013	ug/l	94
51) 4-Methyl-2-Pentanone	10.075	43	257001	216.693	ug/l	98
52) Toluene	10.246	92	154403	50.311	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	91147	48.618	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	102219	48.616	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	43929	48.451	ug/l	98
56) Ethyl methacrylate	10.514	69	66859	47.441	ug/l	99
57) 1,3-Dichloropropane	10.794	76	80737	48.800	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	162359	210.421	ug/l	99
59) 2-Hexanone	10.837	43	183178	214.244	ug/l	98
60) Dibromochloromethane	10.990	129	53303	47.961	ug/l	100
61) 1,2-Dibromoethane	11.093	107	39863	47.455	ug/l	99
64) Tetrachloroethene	10.721	164	55701	50.247	ug/l	98
65) Chlorobenzene	11.520	112	157840	51.142	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	58315	50.524	ug/l	99
67) Ethyl Benzene	11.593	91	308745	52.776	ug/l	99
68) m/p-Xylenes	11.703	106	228891	102.663	ug/l	99
69) o-Xylene	12.032	106	107894	51.084	ug/l	100
70) Styrene	12.044	104	185951	52.130	ug/l	100
71) Bromoform	12.209	173	34556	49.465	ug/l	99
73) Isopropylbenzene	12.331	105	288995	50.913	ug/l	100
74) N-amyl acetate	12.148	43	88343	43.400	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	49984	47.593	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	36020m	44.448	ug/l	
77) Bromobenzene	12.611	156	65000	50.281	ug/l	99
78) n-propylbenzene	12.672	91	360657	52.119	ug/l	99
79) 2-Chlorotoluene	12.758	91	196180	51.808	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	240681	51.735	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	19180	46.897	ug/l	96
82) 4-Chlorotoluene	12.855	91	203597	51.434	ug/l	100
83) tert-Butylbenzene	13.075	119	204667	50.652	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	239476	51.557	ug/l	99
85) sec-Butylbenzene	13.257	105	313968	52.177	ug/l	99
86) p-Isopropyltoluene	13.373	119	261394	51.315	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	128773	50.019	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	127655	50.247	ug/l	100
89) n-Butylbenzene	13.696	91	244570	50.883	ug/l	99
90) Hexachloroethane	13.965	117	47088	51.294	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	111363	50.192	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8458	45.559	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	75571	52.063	ug/l	99
94) Hexachlorobutadiene	15.111	225	50737	53.571	ug/l	100
95) Naphthalene	15.239	128	124110	46.221	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	54489	45.049	ug/l	99

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

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