

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082621\
 Data File : VY005849.D
 Acq On : 26 Aug 2021 10:29
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/27/2021 4:45:34 PM

Quant Time: Aug 27 03:24:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	205834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	296278	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	272277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	146714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	100812	48.385	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.760%		
35) Dibromofluoromethane	7.728	113	84754	51.094	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.180%		
50) Toluene-d8	10.185	98	339653	48.823	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.640%		
62) 4-Bromofluorobenzene	12.483	95	117151	50.852	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	73971	43.755	ug/l	98
3) Chloromethane	2.119	50	87077	43.120	ug/l	98
4) Vinyl Chloride	2.259	62	117879	48.734	ug/l	99
5) Bromomethane	2.656	94	82624	51.895	ug/l	96
6) Chloroethane	2.802	64	77867	53.331	ug/l	100
7) Trichlorofluoromethane	3.131	101	167684	51.777	ug/l	96
8) Diethyl Ether	3.534	74	54913	48.548	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.905	101	94435	53.758	ug/l	100
10) Methyl Iodide	4.101	142	101006	46.152	ug/l	99
11) Tert butyl alcohol	4.972	59	45689	221.820	ug/l	99
12) 1,1-Dichloroethene	3.881	96	89756	50.599	ug/l	98
13) Acrolein	3.735	56	21588	173.715	ug/l	99
14) Allyl chloride	4.485	41	158156	50.904	ug/l	98
15) Acrylonitrile	5.173	53	142395	245.640	ug/l	100
16) Acetone	3.954	43	136501	259.846	ug/l	98
17) Carbon Disulfide	4.204	76	239091	43.724	ug/l	99
18) Methyl Acetate	4.485	43	63911	46.518	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	283621	51.611	ug/l	100
20) Methylene Chloride	4.722	84	109335	52.856	ug/l	93
21) trans-1,2-Dichloroethene	5.228	96	100979	50.917	ug/l	99
22) Diisopropyl ether	6.125	45	343732	53.628	ug/l	97
23) Vinyl Acetate	6.070	43	1098850	257.609	ug/l	99
24) 1,1-Dichloroethane	6.027	63	191938	54.035	ug/l	100
25) 2-Butanone	6.990	43	190031	244.722	ug/l	99
26) 2,2-Dichloropropane	6.990	77	181305	55.866	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	120268	53.319	ug/l	99
28) Bromochloromethane	7.338	49	68090	48.027	ug/l	98
29) Tetrahydrofuran	7.356	42	121058	235.704	ug/l	99
30) Chloroform	7.515	83	199354	54.986	ug/l	99
31) Cyclohexane	7.789	56	168218	47.069	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	186245	55.883	ug/l	98
36) 1,1-Dichloropropene	7.923	75	148296	53.366	ug/l	99
37) Ethyl Acetate	7.082	43	81023	48.128	ug/l	99
38) Carbon Tetrachloride	7.905	117	169502	56.123	ug/l	99
39) Methylcyclohexane	9.185	83	181012	51.199	ug/l	99
40) Benzene	8.167	78	425802	53.508	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	50695m	55.500	ug/l	
42) 1,2-Dichloroethane	8.240	62	138144	53.519	ug/l	99
43) Isopropyl Acetate	8.277	43	160179	50.256	ug/l	100
44) Trichloroethene	8.941	130	118217	54.431	ug/l	100
45) 1,2-Dichloropropane	9.222	63	109045	54.774	ug/l	100
46) Dibromomethane	9.307	93	60039	54.542	ug/l	96
47) Bromodichloromethane	9.502	83	154099	55.935	ug/l	99
48) Methyl methacrylate	9.295	41	72067	50.032	ug/l	99
49) 1,4-Dioxane	9.301	88	15399	1006.561	ug/l	96
51) 4-Methyl-2-Pentanone	10.075	43	428765	255.445	ug/l	100
52) Toluene	10.246	92	279417	55.067	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	166280	54.007	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	183317	54.863	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	87619	55.012	ug/l	98
56) Ethyl methacrylate	10.514	69	126313	52.963	ug/l	99
57) 1,3-Dichloropropane	10.794	76	150757	53.676	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	310897	272.822	ug/l	100
59) 2-Hexanone	10.837	43	304070	256.306	ug/l	99
60) Dibromochloromethane	10.990	129	108978	55.288	ug/l	99
61) 1,2-Dibromoethane	11.093	107	79734	52.848	ug/l	99
64) Tetrachloroethene	10.721	164	118046	56.958	ug/l	97
65) Chlorobenzene	11.520	112	305233	55.708	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	117659	57.055	ug/l	100
67) Ethyl Benzene	11.593	91	546898	55.046	ug/l	100
68) m/p-Xylenes	11.703	106	430405	111.535	ug/l	100
69) o-Xylene	12.032	106	205598	55.433	ug/l	100
70) Styrene	12.044	104	353604	56.639	ug/l	100
71) Bromoform	12.209	173	73954	55.300	ug/l	99
73) Isopropylbenzene	12.331	105	556731	54.363	ug/l	100
74) N-amyl acetate	12.148	43	152279	49.396	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	99588	50.559	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	67140m	44.160	ug/l	
77) Bromobenzene	12.611	156	134296	53.375	ug/l	99
78) n-propylbenzene	12.672	91	670006	55.085	ug/l	99
79) 2-Chlorotoluene	12.757	91	367091	53.747	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	465485	54.769	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	37248	49.387	ug/l	98
82) 4-Chlorotoluene	12.855	91	376927	53.337	ug/l	97
83) tert-Butylbenzene	13.075	119	415709	54.509	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	461187	54.994	ug/l	99
85) sec-Butylbenzene	13.251	105	613985	55.817	ug/l	99
86) p-Isopropyltoluene	13.367	119	528582	55.970	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	269691	54.933	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	263285	54.059	ug/l	99
89) n-Butylbenzene	13.696	91	478679	55.947	ug/l	100
90) Hexachloroethane	13.958	117	95848	56.450	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	238591	55.019	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	17466	46.775	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	164269	55.145	ug/l	99
94) Hexachlorobutadiene	15.111	225	110090	57.077	ug/l	98
95) Naphthalene	15.233	128	300175	51.118	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	143921	54.534	ug/l	99

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

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