

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090121\
 Data File : VY005918.D
 Acq On : 01 Sep 2021 10:09
 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
 9/7/2021 4:40:59 PM

Quant Time: Sep 02 07:43:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	268210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	383965	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	354389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	186977	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	133924	49.550	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.100%		
35) Dibromofluoromethane	7.722	113	108178	50.168	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.340%		
50) Toluene-d8	10.179	98	460648	50.901	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.800%		
62) 4-Bromofluorobenzene	12.483	95	154570	50.866	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.740%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	102169	42.663	ug/l	98
3) Chloromethane	2.119	50	111346	43.899	ug/l	99
4) Vinyl Chloride	2.259	62	145509	44.136	ug/l	100
5) Bromomethane	2.656	94	106186	47.738	ug/l	95
6) Chloroethane	2.796	64	90490	45.902	ug/l	100
7) Trichlorofluoromethane	3.131	101	197880	46.988	ug/l	97
8) Diethyl Ether	3.534	74	67878	47.350	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.905	101	106058	46.770	ug/l	99
10) Methyl Iodide	4.101	142	122188	42.877	ug/l	100
11) Tert butyl alcohol	4.954	59	91085	171.377	ug/l	99
12) 1,1-Dichloroethene	3.881	96	108672	47.201	ug/l	98
13) Acrolein	3.735	56	17266	191.290	ug/l	100
14) Allyl chloride	4.485	41	186027	48.044	ug/l	99
15) Acrylonitrile	5.174	53	169057	233.192	ug/l	100
16) Acetone	3.954	43	193617	280.940	ug/l	98
17) Carbon Disulfide	4.198	76	344475	46.842	ug/l	99
18) Methyl Acetate	4.485	43	86296	45.100	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	338054	48.909	ug/l	99
20) Methylene Chloride	4.722	84	133802	51.002	ug/l	97
21) trans-1,2-Dichloroethene	5.228	96	124031	48.282	ug/l	98
22) Diisopropyl ether	6.125	45	381263	48.463	ug/l	97
23) Vinyl Acetate	6.064	43	1171164	245.310	ug/l	99
24) 1,1-Dichloroethane	6.027	63	216783	48.306	ug/l	99
25) 2-Butanone	6.990	43	246915	253.609	ug/l	100
26) 2,2-Dichloropropane	6.990	77	205156	48.862	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	139621	48.369	ug/l	99
28) Bromochloromethane	7.338	49	94407	51.031	ug/l	100
29) Tetrahydrofuran	7.350	42	145703	230.968	ug/l	100
30) Chloroform	7.515	83	224431	48.735	ug/l	97
31) Cyclohexane	7.789	56	204323	44.820	ug/l	97
32) 1,1,1-Trichloroethane	7.704	97	207171	48.317	ug/l	99
36) 1,1-Dichloropropene	7.923	75	174151	48.173	ug/l	100
37) Ethyl Acetate	7.076	43	100364	46.357	ug/l	100
38) Carbon Tetrachloride	7.905	117	191943	48.984	ug/l	98
39) Methylcyclohexane	9.185	83	221974	48.478	ug/l	98
40) Benzene	8.167	78	505878	49.530	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	53580m	44.441	ug/l	
42) 1,2-Dichloroethane	8.240	62	162161	48.878	ug/l	100
43) Isopropyl Acetate	8.277	43	190414	48.422	ug/l	99
44) Trichloroethene	8.941	130	138048	48.196	ug/l	100
45) 1,2-Dichloropropane	9.222	63	123174	49.150	ug/l	100
46) Dibromomethane	9.307	93	68722	47.651	ug/l	98
47) Bromodichloromethane	9.502	83	175008	49.932	ug/l	100
48) Methyl methacrylate	9.295	41	88464	48.945	ug/l	98
49) 1,4-Dioxane	9.301	88	18343	923.517	ug/l	99
51) 4-Methyl-2-Pentanone	10.075	43	506010	238.819	ug/l	100
52) Toluene	10.246	92	322159	48.942	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	192691	49.582	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	210750	49.425	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	99035	47.943	ug/l	99
56) Ethyl methacrylate	10.514	69	148231	49.575	ug/l	99
57) 1,3-Dichloropropane	10.794	76	175542	49.017	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	407878	264.280	ug/l	100
59) 2-Hexanone	10.837	43	374033	252.682	ug/l	100
60) Dibromochloromethane	10.983	129	126057	49.705	ug/l	99
61) 1,2-Dibromoethane	11.093	107	94186	47.866	ug/l	100
64) Tetrachloroethene	10.721	164	136974	47.205	ug/l	98
65) Chlorobenzene	11.520	112	350621	49.309	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	131855	49.533	ug/l	99
67) Ethyl Benzene	11.593	91	632135	49.729	ug/l	100
68) m/p-Xylenes	11.703	106	496940	99.138	ug/l	99
69) o-Xylene	12.032	106	236338	50.220	ug/l	100
70) Styrene	12.044	104	405033	50.457	ug/l	100
71) Bromoform	12.209	173	86010	49.008	ug/l #	100
73) Isopropylbenzene	12.331	105	623419	50.024	ug/l	100
74) N-amyl acetate	12.142	43	176846	49.460	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	115272	48.603	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	80193m	45.824	ug/l	
77) Bromobenzene	12.611	156	154538	49.231	ug/l	98
78) n-propylbenzene	12.672	91	745562	50.057	ug/l	99
79) 2-Chlorotoluene	12.758	91	414768	50.023	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	528943	50.658	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	43766	47.561	ug/l	95
82) 4-Chlorotoluene	12.855	91	430553	49.493	ug/l	100
83) tert-Butylbenzene	13.075	119	458573	50.246	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	521716	50.372	ug/l	100
85) sec-Butylbenzene	13.257	105	677308	50.353	ug/l	100
86) p-Isopropyltoluene	13.373	119	583202	50.036	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	304927	49.925	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	299286	49.056	ug/l	99
89) n-Butylbenzene	13.696	91	529753	50.799	ug/l	100
90) Hexachloroethane	13.965	117	104968	49.625	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	263948	48.737	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	21761	48.921	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	186570	51.036	ug/l	99
94) Hexachlorobutadiene	15.111	225	120060	50.984	ug/l	99
95) Naphthalene	15.239	128	351343	50.026	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	161721	50.671	ug/l	99

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

