

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061021\
 Data File : VY005094.D
 Acq On : 10 Jun 2021 22:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/11/2021 6:06:39 PM

Quant Time: Jun 11 05:10:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	185640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	306963	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	286108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134466	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	96841	49.345	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 98.680%			
35) Dibromofluoromethane	7.728	113	82769	50.118	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.240%			
50) Toluene-d8	10.185	98	347021	50.594	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.180%			
62) 4-Bromofluorobenzene	12.483	95	118754	50.343	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.680%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	86105	51.078	ug/l	97
3) Chloromethane	2.113	50	112708	48.966	ug/l	99
4) Vinyl Chloride	2.253	62	108059	48.797	ug/l	100
5) Bromomethane	2.656	94	60743	48.398	ug/l	99
6) Chloroethane	2.802	64	65005	49.077	ug/l	99
7) Trichlorofluoromethane	3.131	101	170753	54.516	ug/l	99
8) Diethyl Ether	3.539	74	65246	53.651	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.911	101	98143	51.373	ug/l	97
10) Methyl Iodide	4.100	142	107848	59.138	ug/l	97
11) Tert butyl alcohol	4.972	59	47317	209.649	ug/l	98
12) 1,1-Dichloroethene	3.881	96	100104	52.470	ug/l	96
13) Acrolein	3.741	56	43411	207.429	ug/l	99
14) Allyl chloride	4.491	41	162812	46.806	ug/l	95
15) Acrylonitrile	5.179	53	145812	254.977	ug/l	99
16) Acetone	3.960	43	113307	239.837	ug/l	98
17) Carbon Disulfide	4.204	76	284289	48.457	ug/l	99
18) Methyl Acetate	4.484	43	75334	49.760	ug/l	96
19) Methyl tert-butyl Ether	5.234	73	264682	53.895	ug/l	96
20) Methylene Chloride	4.728	84	128729	57.508	ug/l	91
21) trans-1,2-Dichloroethene	5.228	96	112017	52.307	ug/l	95
22) Diisopropyl ether	6.130	45	321480	50.344	ug/l	97
23) Vinyl Acetate	6.070	43	1123203	241.761	ug/l	98
24) 1,1-Dichloroethane	6.027	63	198562	51.665	ug/l	99
25) 2-Butanone	7.002	43	190353	239.615	ug/l	95
26) 2,2-Dichloropropane	6.990	77	154113	47.444	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	126359	53.843	ug/l	95
28) Bromochloromethane	7.344	49	79574	46.348	ug/l	89
29) Tetrahydrofuran	7.362	42	117476	232.517	ug/l	94
30) Chloroform	7.514	83	203336	55.795	ug/l	97
31) Cyclohexane	7.789	56	155486	44.999	ug/l	96
32) 1,1,1-Trichloroethane	7.709	97	178533	55.847	ug/l	98
36) 1,1-Dichloropropene	7.923	75	151328	50.373	ug/l	99
37) Ethyl Acetate	7.088	43	89045	45.061	ug/l	96
38) Carbon Tetrachloride	7.905	117	150956	57.738	ug/l	98
39) Methylcyclohexane	9.185	83	165165	49.773	ug/l	94
40) Benzene	8.167	78	455832	53.030	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	45600	41.975	ug/l #	100
42) 1,2-Dichloroethane	8.246	62	134369	54.147	ug/l	99
43) Isopropyl Acetate	8.283	43	162875	45.910	ug/l	94
44) Trichloroethene	8.947	130	124550	55.363	ug/l	99
45) 1,2-Dichloropropane	9.221	63	113212	50.324	ug/l	99
46) Dibromomethane	9.313	93	64657	53.814	ug/l	97
47) Bromodichloromethane	9.502	83	156590	55.513	ug/l	98
48) Methyl methacrylate	9.301	41	73944	45.809	ug/l	91
49) 1,4-Dioxane	9.307	88	13805	951.694	ug/l	89
51) 4-Methyl-2-Pentanone	10.075	43	428379	230.333	ug/l	96
52) Toluene	10.246	92	283396	54.486	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	163683	52.428	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	186594	52.604	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	93075	55.734	ug/l	96
56) Ethyl methacrylate	10.514	69	127837	53.470	ug/l	94
57) 1,3-Dichloropropane	10.794	76	160664	54.066	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	284232	235.250	ug/l	94
59) 2-Hexanone	10.837	43	298176	237.195	ug/l	96
60) Dibromochloromethane	10.989	129	112472	59.212	ug/l	99
61) 1,2-Dibromoethane	11.093	107	88465	55.233	ug/l	100
64) Tetrachloroethene	10.721	164	130392	54.502	ug/l	97
65) Chlorobenzene	11.520	112	304409	53.700	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	111759	55.302	ug/l	98
67) Ethyl Benzene	11.593	91	546404	52.157	ug/l	98
68) m/p-Xylenes	11.703	106	410110	104.483	ug/l	100
69) o-Xylene	12.032	106	196750	53.828	ug/l	97
70) Styrene	12.044	104	335486	55.089	ug/l	99
71) Bromoform	12.209	173	67631	56.759	ug/l #	100
73) Isopropylbenzene	12.331	105	526541	51.837	ug/l	100
74) N-amyl acetate	12.148	43	142520	43.488	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.587	83	100384	49.231	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	73748m	50.032	ug/l	
77) Bromobenzene	12.611	156	123779	54.539	ug/l	94
78) n-propylbenzene	12.672	91	628919	51.367	ug/l	99
79) 2-Chlorotoluene	12.757	91	349609	51.221	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	444615	53.058	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	36467	45.467	ug/l	98
82) 4-Chlorotoluene	12.855	91	357376	51.239	ug/l	97
83) tert-Butylbenzene	13.080	119	381670	53.844	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	445618	53.509	ug/l	100
85) sec-Butylbenzene	13.257	105	543894	52.705	ug/l	99
86) p-Isopropyltoluene	13.373	119	474952	53.653	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	230698	53.398	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	229284	53.211	ug/l	99
89) n-Butylbenzene	13.696	91	440645	51.754	ug/l	99
90) Hexachloroethane	13.964	117	73805	56.173	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	210055	55.028	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	17664	52.320	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	132662	55.339	ug/l	99
94) Hexachlorobutadiene	15.111	225	73493	58.107	ug/l	99
95) Naphthalene	15.239	128	300539	57.027	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	120270	56.989	ug/l	99

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

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