

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091521\
 Data File : VY006016.D
 Acq On : 15 Sep 2021 10:06
 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
 9/16/2021 7:23:29 PM

Quant Time: Sep 16 01:21:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	139485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	211016	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	195174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99678	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	92070	47.519	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.040%		
35) Dibromofluoromethane	7.722	113	65188	49.737	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.480%		
50) Toluene-d8	10.179	98	279821	50.093	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.180%		
62) 4-Bromofluorobenzene	12.483	95	94206	49.672	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.340%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	63431	43.048	ug/l	99
3) Chloromethane	2.119	50	79430	43.350	ug/l	98
4) Vinyl Chloride	2.259	62	92401	44.663	ug/l	99
5) Bromomethane	2.656	94	60281	44.912	ug/l	99
6) Chloroethane	2.802	64	55427	44.675	ug/l	99
7) Trichlorofluoromethane	3.131	101	121041	44.881	ug/l	97
8) Diethyl Ether	3.534	74	39408	44.449	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.905	101	61197	45.450	ug/l	99
10) Methyl Iodide	4.100	142	58525	41.058	ug/l	97
11) Tert butyl alcohol	4.960	59	47281	139.366	ug/l	97
12) 1,1-Dichloroethene	3.881	96	61197	43.941	ug/l	98
13) Acrolein	3.735	56	26762	229.873	ug/l	97
14) Allyl chloride	4.485	41	129975	43.720	ug/l	99
15) Acrylonitrile	5.173	53	112759	223.281	ug/l	100
16) Acetone	3.954	43	155291	292.217	ug/l	99
17) Carbon Disulfide	4.198	76	207864	44.690	ug/l	100
18) Methyl Acetate	4.485	43	57516	42.966	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	200362	44.624	ug/l	98
20) Methylene Chloride	4.722	84	72436	43.041	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	69770	44.676	ug/l	99
22) Diisopropyl ether	6.118	45	254036	43.974	ug/l	98
23) Vinyl Acetate	6.064	43	816076	223.877	ug/l	99
24) 1,1-Dichloroethane	6.021	63	130894	44.224	ug/l	99
25) 2-Butanone	6.990	43	178234	243.339	ug/l	96
26) 2,2-Dichloropropane	6.984	77	128348	45.775	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	77863	44.690	ug/l	98
28) Bromochloromethane	7.338	49	65604	50.458	ug/l #	16
29) Tetrahydrofuran	7.356	42	101066	219.544	ug/l	99
30) Chloroform	7.508	83	132418	44.621	ug/l	100
31) Cyclohexane	7.789	56	135652	43.706	ug/l	96
32) 1,1,1-Trichloroethane	7.703	97	125772	45.138	ug/l	99
36) 1,1-Dichloropropene	7.923	75	104841	46.032	ug/l	99
37) Ethyl Acetate	7.082	43	69716	44.309	ug/l	100
38) Carbon Tetrachloride	7.905	117	115604	46.624	ug/l	96
39) Methylcyclohexane	9.185	83	131640	46.633	ug/l	94
40) Benzene	8.167	78	296637	45.418	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	38457m	41.849	ug/l	
42) 1,2-Dichloroethane	8.240	62	102651	44.443	ug/l	99
43) Isopropyl Acetate	8.277	43	132454	45.195	ug/l	100
44) Trichloroethene	8.941	130	74414	45.721	ug/l	97
45) 1,2-Dichloropropane	9.222	63	71515	44.262	ug/l	98
46) Dibromomethane	9.307	93	39680	45.373	ug/l	99
47) Bromodichloromethane	9.502	83	102919	45.722	ug/l	95
48) Methyl methacrylate	9.295	41	62375	46.060	ug/l	99
49) 1,4-Dioxane	9.301	88	11098	919.552	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	352302	225.491	ug/l	99
52) Toluene	10.246	92	185208	46.018	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	113172	45.770	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	121418	45.529	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	55195	45.929	ug/l	98
56) Ethyl methacrylate	10.514	69	87889	45.749	ug/l	100
57) 1,3-Dichloropropane	10.794	76	98785	44.599	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	239029	237.672	ug/l	100
59) 2-Hexanone	10.831	43	268337	248.780	ug/l	100
60) Dibromochloromethane	10.989	129	68081	45.950	ug/l	100
61) 1,2-Dibromoethane	11.087	107	52159	45.952	ug/l	99
64) Tetrachloroethene	10.721	164	73768	46.211	ug/l	96
65) Chlorobenzene	11.520	112	191067	45.752	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	70912	45.557	ug/l	99
67) Ethyl Benzene	11.593	91	365657	46.063	ug/l	99
68) m/p-Xylenes	11.703	106	278615	92.561	ug/l	100
69) o-Xylene	12.032	106	131946	46.412	ug/l	99
70) Styrene	12.044	104	226992	46.608	ug/l	100
71) Bromoform	12.209	173	45663	46.852	ug/l #	98
73) Isopropylbenzene	12.331	105	355535	45.549	ug/l	99
74) N-amyl acetate	12.142	43	121265	44.990	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.581	83	63480	43.711	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	44932m	42.279	ug/l	
77) Bromobenzene	12.611	156	80439	44.166	ug/l	99
78) n-propylbenzene	12.672	91	435179	45.061	ug/l	99
79) 2-Chlorotoluene	12.757	91	239093	45.534	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	297571	45.968	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	26436	45.733	ug/l	99
82) 4-Chlorotoluene	12.855	91	244689	45.083	ug/l	100
83) tert-Butylbenzene	13.074	119	256333	46.297	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	293847	45.753	ug/l	99
85) sec-Butylbenzene	13.251	105	383362	46.254	ug/l	100
86) p-Isopropyltoluene	13.367	119	326407	46.129	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	163335	46.501	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	160805	45.642	ug/l	99
89) n-Butylbenzene	13.696	91	307997	46.547	ug/l	99
90) Hexachloroethane	13.958	117	57940	45.501	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	143164	46.430	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	12982	45.058	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	94976	47.432	ug/l	99
94) Hexachlorobutadiene	15.111	225	59603	46.007	ug/l	98
95) Naphthalene	15.239	128	189763	47.649	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	82845	47.744	ug/l	99

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

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