

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092721\
 Data File : VY006178.D
 Acq On : 27 Sep 2021 20:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/28/2021 7:07:23 PM

Quant Time: Sep 28 06:25:02 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	148152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	241019	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	224819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	113278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	100706	48.936	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.880%		
35) Dibromofluoromethane	7.722	113	77354	51.672	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.340%		
50) Toluene-d8	10.185	98	314310	49.262	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.520%		
62) 4-Bromofluorobenzene	12.483	95	109877	50.723	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	84780	54.171	ug/l	97
3) Chloromethane	2.119	50	110423	56.739	ug/l	96
4) Vinyl Chloride	2.259	62	123084	56.014	ug/l	97
5) Bromomethane	2.656	94	85697	60.113	ug/l	99
6) Chloroethane	2.802	64	78322	59.435	ug/l	99
7) Trichlorofluoromethane	3.131	101	160016	55.862	ug/l	93
8) Diethyl Ether	3.540	74	62198	66.050	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.906	101	89292	62.436	ug/l	96
10) Methyl Iodide	4.101	142	93983	62.077	ug/l	93
11) Tert butyl alcohol	4.966	59	45649	121.235	ug/l #	94
12) 1,1-Dichloroethene	3.881	96	91020	61.531	ug/l	92
13) Acrolein	3.735	56	29719	240.339	ug/l	99
14) Allyl chloride	4.491	41	190667	60.383	ug/l	93
15) Acrylonitrile	5.174	53	149774	279.226	ug/l	98
16) Acetone	3.954	43	133942	237.299	ug/l	94
17) Carbon Disulfide	4.204	76	301366	61.002	ug/l	98
18) Methyl Acetate	4.485	43	94235	66.277	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	273954	57.445	ug/l	99
20) Methylene Chloride	4.729	84	119942	69.964	ug/l	92
21) trans-1,2-Dichloroethene	5.228	96	93336	56.269	ug/l	97
22) Diisopropyl ether	6.125	45	346416	56.457	ug/l	95
23) Vinyl Acetate	6.070	43	1035038	267.335	ug/l	98
24) 1,1-Dichloroethane	6.027	63	178727	56.853	ug/l	99
25) 2-Butanone	6.996	43	193419	248.622	ug/l	93
26) 2,2-Dichloropropane	6.990	77	142663	47.904	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	108738	58.759	ug/l	95
28) Bromochloromethane	7.338	49	78326	56.718	ug/l	97
29) Tetrahydrofuran	7.356	42	129150	264.138	ug/l	96
30) Chloroform	7.515	83	178328	56.576	ug/l	100
31) Cyclohexane	7.789	56	163657	49.644	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	157630	53.262	ug/l	98
36) 1,1-Dichloropropene	7.923	75	133577	51.348	ug/l	100
37) Ethyl Acetate	7.082	43	85007	47.302	ug/l	97
38) Carbon Tetrachloride	7.911	117	140038	49.448	ug/l	97
39) Methylcyclohexane	9.185	83	161115	49.970	ug/l	99
40) Benzene	8.167	78	402799	53.995	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	55212m	52.603	ug/l	
42) 1,2-Dichloroethane	8.240	62	134000	50.794	ug/l	96
43) Isopropyl Acetate	8.277	43	166054	49.607	ug/l	96
44) Trichloroethene	8.941	130	101505	54.602	ug/l	95
45) 1,2-Dichloropropane	9.222	63	100700	54.567	ug/l	96
46) Dibromomethane	9.307	93	54883	54.945	ug/l	98
47) Bromodichloromethane	9.502	83	139597	54.296	ug/l	99
48) Methyl methacrylate	9.295	41	78494	50.748	ug/l	95
49) 1,4-Dioxane	9.295	88	14776	1071.896	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	445178	249.466	ug/l	97
52) Toluene	10.246	92	251596	54.731	ug/l	97
53) t-1,3-Dichloropropene	10.471	75	148955	52.742	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	163651	53.727	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	77606	56.539	ug/l	98
56) Ethyl methacrylate	10.514	69	122307	55.739	ug/l	91
57) 1,3-Dichloropropane	10.795	76	138529	54.757	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	287061	249.899	ug/l	99
59) 2-Hexanone	10.837	43	306444	248.743	ug/l	95
60) Dibromochloromethane	10.983	129	93919	55.499	ug/l	99
61) 1,2-Dibromoethane	11.093	107	73930	57.024	ug/l	99
64) Tetrachloroethene	10.721	164	103595	56.338	ug/l	98
65) Chlorobenzene	11.520	112	262647	54.599	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	99819	55.673	ug/l	99
67) Ethyl Benzene	11.593	91	489078	53.487	ug/l	100
68) m/p-Xylenes	11.703	106	370683	106.909	ug/l	98
69) o-Xylene	12.032	106	179593	54.841	ug/l	98
70) Styrene	12.044	104	309912	55.243	ug/l	99
71) Bromoform	12.209	173	63369	56.446	ug/l #	100
73) Isopropylbenzene	12.331	105	463877	52.294	ug/l	99
74) N-amyl acetate	12.142	43	153725	50.185	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	87572	53.061	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	60564m	50.146	ug/l	
77) Bromobenzene	12.611	156	112071	54.146	ug/l	98
78) n-propylbenzene	12.672	91	563561	51.349	ug/l	99
79) 2-Chlorotoluene	12.758	91	321206	53.828	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	392601	53.366	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	32974	50.195	ug/l	96
82) 4-Chlorotoluene	12.855	91	332957	53.981	ug/l	100
83) tert-Butylbenzene	13.075	119	337711	53.672	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	396001	54.256	ug/l	100
85) sec-Butylbenzene	13.251	105	496749	52.739	ug/l	100
86) p-Isopropyltoluene	13.367	119	419416	52.158	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	216863	54.327	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	213681	53.368	ug/l	99
89) n-Butylbenzene	13.696	91	392074	52.139	ug/l	99
90) Hexachloroethane	13.959	117	78303	54.110	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	195051	55.663	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	16507	50.414	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	127102	55.855	ug/l	99
94) Hexachlorobutadiene	15.111	225	77740	52.802	ug/l	98
95) Naphthalene	15.239	128	290714	64.234	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	114386	58.007	ug/l	99

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

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