

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092721\
 Data File : VY006154.D
 Acq On : 27 Sep 2021 11:22
 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

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 9/28/2021 7:07:17 PM

Quant Time: Sep 27 18:09:46 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	7.801	168	128856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	191733	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	177471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	92459	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	85048	47.516	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.040%		
35) Dibromofluoromethane	7.728	113	63424	53.258	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	106.520%		
50) Toluene-d8	10.185	98	270484	53.291	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	106.580%		
62) 4-Bromofluorobenzene	12.483	95	91488	53.090	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	106.180%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.918	85	72465	53.236	ug/l	99
3) Chloromethane	2.125	50	85441	50.477	ug/l	98
4) Vinyl Chloride	2.265	62	95713	50.080	ug/l	100
5) Bromomethane	2.662	94	64473	51.998	ug/l	97
6) Chloroethane	2.808	64	58114	50.704	ug/l	99
7) Trichlorofluoromethane	3.137	101	131702	52.862	ug/l	95
8) Diethyl Ether	3.546	74	42892	52.369	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.911	101	67558	54.313	ug/l	96
10) Methyl Iodide	4.106	142	73193	55.584	ug/l	96
11) Tert butyl alcohol	4.966	59	37970	113.432	ug/l #	94
12) 1,1-Dichloroethene	3.887	96	69194	53.781	ug/l	92
13) Acrolein	3.741	56	26804	249.225	ug/l	95
14) Allyl chloride	4.497	41	127237	46.329	ug/l	97
15) Acrylonitrile	5.179	53	117994	252.920	ug/l	98
16) Acetone	3.960	43	138533	282.186	ug/l	97
17) Carbon Disulfide	4.210	76	217275	50.567	ug/l	99
18) Methyl Acetate	4.490	43	56437	45.637	ug/l	94
19) Methyl tert-butyl Ether	5.234	73	212786	51.300	ug/l	96
20) Methylene Chloride	4.728	84	81462	53.511	ug/l	89
21) trans-1,2-Dichloroethene	5.234	96	76246	52.850	ug/l	94
22) Diisopropyl ether	6.130	45	251839	47.190	ug/l	96
23) Vinyl Acetate	6.076	43	797609	236.860	ug/l	97
24) 1,1-Dichloroethane	6.033	63	136247	49.830	ug/l	99
25) 2-Butanone	6.996	43	167842	248.053	ug/l	91
26) 2,2-Dichloropropane	6.996	77	133903	51.696	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	84992	52.805	ug/l	94
28) Bromochloromethane	7.344	49	61418	51.135	ug/l #	87
29) Tetrahydrofuran	7.356	42	99270	233.431	ug/l	93
30) Chloroform	7.514	83	141546	51.631	ug/l	100
31) Cyclohexane	7.795	56	133950	46.717	ug/l	94
32) 1,1,1-Trichloroethane	7.709	97	135470	52.629	ug/l	97
36) 1,1-Dichloropropene	7.923	75	109168	52.752	ug/l	97
37) Ethyl Acetate	7.081	43	66998	46.865	ug/l	99
38) Carbon Tetrachloride	7.911	117	123517	54.826	ug/l	99
39) Methylcyclohexane	9.191	83	140533	54.790	ug/l	95
40) Benzene	8.167	78	316339	53.306	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.331	41	38712m	46.364	ug/l	
42) 1,2-Dichloroethane	8.246	62	106994	50.983	ug/l	97
43) Isopropyl Acetate	8.276	43	127262	47.791	ug/l	96
44) Trichloroethene	8.947	130	83485	56.453	ug/l	98
45) 1,2-Dichloropropane	9.221	63	73626	50.152	ug/l	98
46) Dibromomethane	9.313	93	42567	53.569	ug/l	94
47) Bromodichloromethane	9.502	83	108124	52.865	ug/l	99
48) Methyl methacrylate	9.294	41	59106	48.036	ug/l	94
49) 1,4-Dioxane	9.307	88	11954	1090.093	ug/l	96
51) 4-Methyl-2-Pentanone	10.075	43	345707	243.523	ug/l	96
52) Toluene	10.246	92	202924	55.490	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	120670	53.710	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	130861	54.006	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	60068	55.011	ug/l	98
56) Ethyl methacrylate	10.514	69	93535	53.584	ug/l	92
57) 1,3-Dichloropropane	10.794	76	106858	53.096	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	226339	247.688	ug/l	95
59) 2-Hexanone	10.837	43	260804	266.114	ug/l	96
60) Dibromochloromethane	10.989	129	76650	56.937	ug/l	100
61) 1,2-Dibromoethane	11.093	107	58302	56.529	ug/l	98
64) Tetrachloroethene	10.721	164	79232	54.585	ug/l	98
65) Chlorobenzene	11.520	112	212752	56.026	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	79685	56.300	ug/l	99
67) Ethyl Benzene	11.599	91	398901	55.264	ug/l	97
68) m/p-Xylenes	11.703	106	310005	113.263	ug/l	97
69) o-Xylene	12.032	106	145074	56.120	ug/l	97
70) Styrene	12.044	104	251530	56.798	ug/l	99
71) Bromoform	12.209	173	52267	58.978	ug/l #	99
73) Isopropylbenzene	12.331	105	391841	54.120	ug/l	100
74) N-amyl acetate	12.148	43	119545	47.814	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.587	83	69956	51.931	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	52790m	53.551	ug/l	
77) Bromobenzene	12.611	156	93471	55.328	ug/l	93
78) n-propylbenzene	12.672	91	477153	53.265	ug/l	98
79) 2-Chlorotoluene	12.757	91	263195	54.037	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	332266	55.335	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	27671	51.607	ug/l	97
82) 4-Chlorotoluene	12.855	91	272629	54.153	ug/l	99
83) tert-Butylbenzene	13.074	119	296830	57.798	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	328989	55.224	ug/l	98
85) sec-Butylbenzene	13.257	105	428448	55.730	ug/l	100
86) p-Isopropyltoluene	13.373	119	368092	56.082	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	186465	57.231	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	184602	56.487	ug/l	98
89) n-Butylbenzene	13.696	91	339007	55.234	ug/l	99
90) Hexachloroethane	13.964	117	65309	55.293	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	163958	57.326	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	13575	50.795	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	113222	60.959	ug/l	99
94) Hexachlorobutadiene	15.111	225	70894	58.995	ug/l	97
95) Naphthalene	15.239	128	222094	60.122	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	98829	61.402	ug/l	99

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

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