

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092321\
 Data File : VY006126.D
 Acq On : 23 Sep 2021 16:36
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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MMDadoda
 9/24/2021 6:56:31 PM

Quant Time: Sep 24 07:30:29 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	170697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	269190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	249341	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	124708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	111013	46.820	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.640%		
35) Dibromofluoromethane	7.722	113	85434	51.097	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.200%		
50) Toluene-d8	10.178	98	352870	49.518	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.040%		
62) 4-Bromofluorobenzene	12.483	95	124650	51.521	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	103.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	78892	43.751	ug/l	99
3) Chloromethane	2.119	50	105922	47.238	ug/l	98
4) Vinyl Chloride	2.259	62	119622	47.248	ug/l	96
5) Bromomethane	2.655	94	81042	49.340	ug/l	97
6) Chloroethane	2.796	64	74486	49.059	ug/l	100
7) Trichlorofluoromethane	3.131	101	159717	48.393	ug/l	94
8) Diethyl Ether	3.533	74	58898	54.285	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.905	101	89016	54.022	ug/l	97
10) Methyl Iodide	4.100	142	89578	51.352	ug/l	93
11) Tert butyl alcohol	4.954	59	75333	202.162	ug/l	99
12) 1,1-Dichloroethene	3.875	96	90694	53.213	ug/l	96
13) Acrolein	3.735	56	34039	238.917	ug/l	99
14) Allyl chloride	4.484	41	201100	55.275	ug/l	93
15) Acrylonitrile	5.167	53	162068	262.240	ug/l	99
16) Acetone	3.948	43	150528	231.461	ug/l	98
17) Carbon Disulfide	4.198	76	293003	51.476	ug/l	99
18) Methyl Acetate	4.478	43	84591	51.637	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	292262	53.190	ug/l	97
20) Methylene Chloride	4.722	84	120375	60.282	ug/l	93
21) trans-1,2-Dichloroethene	5.222	96	104366	54.609	ug/l	99
22) Diisopropyl ether	6.118	45	406767	57.537	ug/l	97
23) Vinyl Acetate	6.063	43	1199533	268.901	ug/l	100
24) 1,1-Dichloroethane	6.021	63	206931	57.131	ug/l	99
25) 2-Butanone	6.990	43	220887	246.430	ug/l	98
26) 2,2-Dichloropropane	6.984	77	179100	52.196	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	120643	56.582	ug/l	99
28) Bromochloromethane	7.338	49	87299	54.867	ug/l	99
29) Tetrahydrofuran	7.350	42	125708	223.142	ug/l	99
30) Chloroform	7.508	83	179931	49.545	ug/l	97
31) Cyclohexane	7.789	56	169987	44.754	ug/l	99
32) 1,1,1-Trichloroethane	7.703	97	160051	46.937	ug/l	99
36) 1,1-Dichloropropene	7.917	75	136862	47.105	ug/l	100
37) Ethyl Acetate	7.075	43	96727	48.191	ug/l	99
38) Carbon Tetrachloride	7.904	117	139971	44.252	ug/l	99
39) Methylcyclohexane	9.185	83	166267	46.171	ug/l	99
40) Benzene	8.161	78	402627	48.324	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	51048m	43.546	ug/l	
42) 1,2-Dichloroethane	8.240	62	131587	44.659	ug/l	97
43) Isopropyl Acetate	8.276	43	165818	44.352	ug/l	98
44) Trichloroethene	8.941	130	100297	48.306	ug/l	92
45) 1,2-Dichloropropane	9.215	63	103687	50.306	ug/l	97
46) Dibromomethane	9.307	93	53504	47.959	ug/l	99
47) Bromodichloromethane	9.496	83	138801	48.336	ug/l	100
48) Methyl methacrylate	9.294	41	75240	43.553	ug/l	96
49) 1,4-Dioxane	9.301	88	14293	928.349	ug/l	98
51) 4-Methyl-2-Pentanone	10.069	43	422867	212.165	ug/l	97
52) Toluene	10.246	92	248316	48.364	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	150856	47.826	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	167953	49.369	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	74790	48.786	ug/l	98
56) Ethyl methacrylate	10.514	69	116661	47.602	ug/l	92
57) 1,3-Dichloropropane	10.794	76	138102	48.875	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	309182	240.989	ug/l	98
59) 2-Hexanone	10.831	43	293282	213.146	ug/l	97
60) Dibromochloromethane	10.983	129	91169	48.236	ug/l	100
61) 1,2-Dibromoethane	11.093	107	71267	49.217	ug/l	99
64) Tetrachloroethene	10.721	164	98448	48.274	ug/l	98
65) Chlorobenzene	11.520	112	258496	48.451	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	97055	48.807	ug/l	98
67) Ethyl Benzene	11.593	91	491339	48.450	ug/l	100
68) m/p-Xylenes	11.703	106	370561	96.363	ug/l	98
69) o-Xylene	12.032	106	176794	48.677	ug/l	99
70) Styrene	12.044	104	305424	49.089	ug/l	99
71) Bromoform	12.209	173	58375	46.884	ug/l #	100
73) Isopropylbenzene	12.331	105	466215	47.741	ug/l	99
74) N-amyl acetate	12.142	43	149210	44.246	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.580	83	83748	46.093	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	58776m	44.205	ug/l	
77) Bromobenzene	12.611	156	108431	47.586	ug/l	99
78) n-propylbenzene	12.672	91	578638	47.890	ug/l	99
79) 2-Chlorotoluene	12.757	91	323754	49.282	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	395144	48.789	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	33069	45.726	ug/l	94
82) 4-Chlorotoluene	12.855	91	333817	49.160	ug/l	99
83) tert-Butylbenzene	13.074	119	332618	48.018	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	392073	48.795	ug/l	99
85) sec-Butylbenzene	13.251	105	505271	48.727	ug/l	100
86) p-Isopropyltoluene	13.373	119	425877	48.107	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	213229	48.521	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	212176	48.136	ug/l	98
89) n-Butylbenzene	13.696	91	405476	48.980	ug/l	99
90) Hexachloroethane	13.964	117	78689	49.393	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	187416	48.582	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	15455	42.875	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	123563	49.323	ug/l	100
94) Hexachlorobutadiene	15.117	225	77658	47.912	ug/l	98
95) Naphthalene	15.239	128	294794	59.166	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	104729	48.242	ug/l	98

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

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