

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051421\
 Data File : VY004774.D
 Acq On : 14 May 2021 11:00
 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
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5/17/2021 2:35:35 PM

Quant Time: May 15 03:55:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	211883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	339622	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	309083	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	148826	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	123887	49.12	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.24%		
35) Dibromofluoromethane	7.728	113	96268	51.78	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.56%		
50) Toluene-d8	10.185	98	422506	50.30	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.60%		
62) 4-Bromofluorobenzene	12.489	95	140491	49.56	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.12%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	99480	51.27	ug/l	99
3) Chloromethane	2.119	50	150896	47.99	ug/l	97
4) Vinyl Chloride	2.260	62	153298	47.65	ug/l	99
5) Bromomethane	2.662	94	82950	50.55	ug/l	97
6) Chloroethane	2.802	64	95435	50.26	ug/l	94
7) Trichlorofluoromethane	3.137	101	200530	52.50	ug/l	97
8) Diethyl Ether	3.540	74	69334	51.38	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.912	101	111776	51.59	ug/l	99
10) Methyl Iodide	4.107	142	124026	53.53	ug/l	100
11) Tert butyl alcohol	4.991	59	58755	231.81	ug/l	99
12) 1,1-Dichloroethene	3.881	96	107554	51.35	ug/l	99
13) Acrolein	3.747	56	71945	241.45	ug/l	96
14) Allyl chloride	4.491	41	211972	51.79	ug/l	99
15) Acrylonitrile	5.180	53	172428	254.90	ug/l	98
16) Acetone	3.967	43	116953	206.46	ug/l	99
17) Carbon Disulfide	4.204	76	339264	53.05	ug/l	100
18) Methyl Acetate	4.491	43	91577	50.69	ug/l	98
19) Methyl tert-butyl Ether	5.235	73	306326	53.18	ug/l	99
20) Methylene Chloride	4.735	84	141611	54.73	ug/l	99
21) trans-1,2-Dichloroethene	5.235	96	123895	52.07	ug/l	99
22) Diisopropyl ether	6.131	45	426641	54.19	ug/l	99
23) Vinyl Acetate	6.076	43	1592409	269.34	ug/l	100
24) 1,1-Dichloroethane	6.027	63	232891	52.57	ug/l	99
25) 2-Butanone	7.003	43	241510	239.97	ug/l	98
26) 2,2-Dichloropropane	6.990	77	212970	55.04	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	142042	53.75	ug/l	99
28) Bromochloromethane	7.344	49	104997	48.52	ug/l	100
29) Tetrahydrofuran	7.362	42	165801	258.25	ug/l	98
30) Chloroform	7.515	83	232810	53.34	ug/l	99
31) Cyclohexane	7.795	56	207040	50.71	ug/l	99
32) 1,1,1-Trichloroethane	7.710	97	209890	53.65	ug/l	100
36) 1,1-Dichloropropene	7.923	75	183477	52.72	ug/l	100
37) Ethyl Acetate	7.082	43	125598	52.66	ug/l	99
38) Carbon Tetrachloride	7.911	117	174961	55.92	ug/l	98
39) Methylcyclohexane	9.191	83	207299	54.62	ug/l	100
40) Benzene	8.167	78	531808	54.05	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	74668	57.29	ug/l #	100
42) 1,2-Dichloroethane	8.246	62	165737	53.34	ug/l	99
43) Isopropyl Acetate	8.283	43	241666	54.58	ug/l	99
44) Trichloroethene	8.947	130	140735	53.21	ug/l	97
45) 1,2-Dichloropropane	9.222	63	139683	54.27	ug/l	99
46) Dibromomethane	9.313	93	76518	53.45	ug/l	99
47) Bromodichloromethane	9.502	83	183307	53.98	ug/l	99
48) Methyl methacrylate	9.301	41	108740	53.97	ug/l	99
49) 1,4-Dioxane	9.313	88	15466	917.51	ug/l	99
51) 4-Methyl-2-Pentanone	10.075	43	645707	271.04	ug/l	99
52) Toluene	10.246	92	338563	54.50	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	205302	54.57	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	227342	54.31	ug/l	100
55) 1,1,2-Trichloroethane	10.648	97	106105	53.86	ug/l	98
56) Ethyl methacrylate	10.514	69	160213	56.23	ug/l	98
57) 1,3-Dichloropropane	10.795	76	189336	54.05	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	363055	246.87	ug/l	99
59) 2-Hexanone	10.837	43	433975	268.83	ug/l	98
60) Dibromochloromethane	10.990	129	125137	53.42	ug/l	99
61) 1,2-Dibromoethane	11.093	107	102397	53.91	ug/l	99
64) Tetrachloroethene	10.721	164	147798	52.93	ug/l	98
65) Chlorobenzene	11.520	112	351294	55.23	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	127357	55.07	ug/l	99
67) Ethyl Benzene	11.599	91	661409	55.96	ug/l	99
68) m/p-Xylenes	11.709	106	496758	111.87	ug/l	100
69) o-Xylene	12.032	106	233990	56.38	ug/l	98
70) Styrene	12.050	104	399512	57.42	ug/l	99
71) Bromoform	12.209	173	77885	55.59	ug/l #	99
73) Isopropylbenzene	12.331	105	638744	56.89	ug/l	100
74) N-amyl acetate	12.148	43	221914	55.90	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	124620	55.62	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	97495m	61.68	ug/l	
77) Bromobenzene	12.611	156	139454	55.01	ug/l	99
78) n-propylbenzene	12.678	91	776561	56.68	ug/l	99
79) 2-Chlorotoluene	12.764	91	422819	56.24	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	526009	56.41	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	49777	54.60	ug/l #	76
82) 4-Chlorotoluene	12.861	91	440151	56.37	ug/l	100
83) tert-Butylbenzene	13.081	119	447434	56.21	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	523921	56.14	ug/l	100
85) sec-Butylbenzene	13.258	105	657888	56.85	ug/l	100
86) p-Isopropyltoluene	13.373	119	569518	56.77	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	268399	53.98	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	267169	54.53	ug/l	100
89) n-Butylbenzene	13.703	91	545729	55.64	ug/l	99
90) Hexachloroethane	13.965	117	79145	56.02	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	237719	54.19	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	21431	51.19	ug/l	94
93) 1,2,4-Trichlorobenzene	15.013	180	150655	53.32	ug/l	99
94) Hexachlorobutadiene	15.117	225	82403	53.84	ug/l	99
95) Naphthalene	15.245	128	340035	55.61	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	133026	53.19	ug/l	100

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

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