

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032221\
 Data File : VY004163.D
 Acq On : 22 Mar 2021 16:21
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 3/23/2021 4:08:56 PM

Quant Time: Mar 23 01:10:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	206325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	326291	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	291753	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	145369	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	95155	46.73	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.46%		
35) Dibromofluoromethane	7.728	113	94061	51.12	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.24%		
50) Toluene-d8	10.185	98	351094	48.67	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.34%		
62) 4-Bromofluorobenzene	12.483	95	125461	47.09	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.18%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	65126	45.27	ug/l	96
3) Chloromethane	2.119	50	92934	46.68	ug/l	97
4) Vinyl Chloride	2.259	62	106766	42.82	ug/l	100
5) Bromomethane	2.662	94	73159	45.92	ug/l	100
6) Chloroethane	2.808	64	70036	46.12	ug/l	99
7) Trichlorofluoromethane	3.137	101	161374	48.70	ug/l	100
8) Diethyl Ether	3.540	74	50111	47.17	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.912	101	90312	48.72	ug/l	99
10) Methyl Iodide	4.107	142	95892	50.62	ug/l	100
11) Tert butyl alcohol	4.966	59	34243	186.01	ug/l #	95
12) 1,1-Dichloroethene	3.887	96	85858	47.33	ug/l	95
13) Acrolein	3.741	56	34316	187.92	ug/l	96
14) Allyl chloride	4.491	41	131550	43.84	ug/l #	88
15) Acrylonitrile	5.180	53	111678	211.54	ug/l	99
16) Acetone	3.960	43	81514	165.86	ug/l	95
17) Carbon Disulfide	4.204	76	222149	41.65	ug/l	99
18) Methyl Acetate	4.491	43	52686	43.39	ug/l	92
19) Methyl tert-butyl Ether	5.234	73	242358	46.92	ug/l	98
20) Methylene Chloride	4.729	84	98601	49.87	ug/l	93
21) trans-1,2-Dichloroethene	5.234	96	98612	48.38	ug/l	94
22) Diisopropyl ether	6.131	45	291265	45.99	ug/l	95
23) Vinyl Acetate	6.070	43	901609	216.26	ug/l	96
24) 1,1-Dichloroethane	6.033	63	171995	48.91	ug/l	99
25) 2-Butanone	6.996	43	135111	190.70	ug/l	91
26) 2,2-Dichloropropane	6.990	77	159390	47.46	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	115619	49.83	ug/l	93
28) Bromochloromethane	7.344	49	72980	47.53	ug/l	87
29) Tetrahydrofuran	7.356	42	90067	195.69	ug/l	91
30) Chloroform	7.515	83	185460	50.90	ug/l	99
31) Cyclohexane	7.789	56	148731	41.64	ug/l	92
32) 1,1,1-Trichloroethane	7.710	97	170528	50.45	ug/l	99
36) 1,1-Dichloropropene	7.923	75	137549	47.98	ug/l	97
37) Ethyl Acetate	7.082	43	63526	41.14	ug/l	98
38) Carbon Tetrachloride	7.911	117	154827	50.91	ug/l	97
39) Methylcyclohexane	9.185	83	171545	46.33	ug/l	93
40) Benzene	8.167	78	396497	49.10	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	43132m	45.08	ug/l	
42) 1,2-Dichloroethane	8.246	62	119354	48.36	ug/l	97
43) Isopropyl Acetate	8.277	43	127577	41.17	ug/l	95
44) Trichloroethene	8.947	130	122912	52.56	ug/l	98
45) 1,2-Dichloropropane	9.222	63	98780	49.00	ug/l	99
46) Dibromomethane	9.313	93	56642	49.14	ug/l	97
47) Bromodichloromethane	9.502	83	145406	50.53	ug/l	99
48) Methyl methacrylate	9.295	41	60310	40.97	ug/l #	88
49) 1,4-Dioxane	9.307	88	12658	862.66	ug/l	91
51) 4-Methyl-2-Pentanone	10.075	43	326467	208.05	ug/l	97
52) Toluene	10.246	92	263113	50.31	ug/l	96
53) t-1,3-Dichloropropene	10.471	75	144696	47.66	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	164585	48.38	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	80716	49.80	ug/l	97
56) Ethyl methacrylate	10.514	69	104198	45.99	ug/l	91
57) 1,3-Dichloropropane	10.794	76	133364	48.05	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	203469	227.83	ug/l	94
59) 2-Hexanone	10.837	43	220520	200.02	ug/l	96
60) Dibromochloromethane	10.990	129	104433	51.32	ug/l	100
61) 1,2-Dibromoethane	11.093	107	77003	48.78	ug/l	99
64) Tetrachloroethene	10.721	164	135290	55.39	ug/l	96
65) Chlorobenzene	11.520	112	288608	51.62	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	110305	52.74	ug/l	99
67) Ethyl Benzene	11.599	91	515485	50.21	ug/l	96
68) m/p-Xylenes	11.709	106	396310	101.24	ug/l	94
69) o-Xylene	12.032	106	187598	50.69	ug/l	95
70) Styrene	12.050	104	321204	50.68	ug/l	98
71) Bromoform	12.209	173	61385	49.05	ug/l #	99
73) Isopropylbenzene	12.331	105	513990	50.87	ug/l	99
74) N-amyl acetate	12.148	43	120303	41.58	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	77919	44.40	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	62222m	44.64	ug/l	
77) Bromobenzene	12.611	156	123285	52.82	ug/l	94
78) n-propylbenzene	12.672	91	592093	49.74	ug/l	97
79) 2-Chlorotoluene	12.764	91	331522	49.61	ug/l	97
80) 1,3,5-Trimethylbenzene	12.819	105	432851	50.52	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	30917	43.78	ug/l	98
82) 4-Chlorotoluene	12.855	91	349886	49.47	ug/l	96
83) tert-Butylbenzene	13.081	119	377359	51.18	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	433337	50.49	ug/l	98
85) sec-Butylbenzene	13.257	105	519414	51.09	ug/l	98
86) p-Isopropyltoluene	13.373	119	481501	51.09	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	234428	52.03	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	231579	51.50	ug/l	99
89) n-Butylbenzene	13.703	91	446244	49.75	ug/l	99
90) Hexachloroethane	13.965	117	86901	51.31	ug/l	86
91) 1,2-Dichlorobenzene	13.745	146	205066	51.31	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	14132	42.62	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	141133	52.07	ug/l	98
94) Hexachlorobutadiene	15.117	225	79665	52.43	ug/l	99
95) Naphthalene	15.239	128	266610	49.65	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	119479	52.43	ug/l	99

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

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