

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030821\
 Data File : VY004063.D
 Acq On : 08 Mar 2021 11:28
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
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MMDadoda
 3/9/2021 3:03:06 PM

Quant Time: Mar 08 12:01:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 11:57:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	298236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	472326	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	425079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	214491	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	151909	54.96	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.92%			
35) Dibromofluoromethane	7.728	113	136991	47.49	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.98%			
50) Toluene-d8	10.185	98	525086	46.06	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 92.12%			
62) 4-Bromofluorobenzene	12.483	95	197449	51.39	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.78%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	98780	42.21	ug/l	100
3) Chloromethane	2.119	50	144786	52.21	ug/l	98
4) Vinyl Chloride	2.259	62	165164	51.44	ug/l	99
5) Bromomethane	2.662	94	103391	46.41	ug/l	96
6) Chloroethane	2.808	64	103831	50.87	ug/l	100
7) Trichlorofluoromethane	3.137	101	226231	46.71	ug/l	100
8) Diethyl Ether	3.540	74	76208	51.35	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.918	101	126994	47.93	ug/l	98
10) Methyl Iodide	4.107	142	138100	45.06	ug/l	100
11) Tert butyl alcohol	4.972	59	70165	290.04	ug/l #	95
12) 1,1-Dichloroethene	3.887	96	123674	47.92	ug/l	99
13) Acrolein	3.741	56	76207	316.30	ug/l	99
14) Allyl chloride	4.497	41	211837	56.61	ug/l	94
15) Acrylonitrile	5.186	53	196350	270.35	ug/l	99
16) Acetone	3.960	43	192488	326.79	ug/l	94
17) Carbon Disulfide	4.210	76	357356	46.83	ug/l	98
18) Methyl Acetate	4.491	43	90568	58.77	ug/l	95
19) Methyl tert-butyl Ether	5.241	73	380469	52.75	ug/l	99
20) Methylene Chloride	4.735	84	143801	41.92	ug/l	93
21) trans-1,2-Dichloroethene	5.234	96	141805	46.46	ug/l	96
22) Diisopropyl ether	6.137	45	452391	51.59	ug/l	97
23) Vinyl Acetate	6.076	43	1530399	272.39	ug/l	98
24) 1,1-Dichloroethane	6.039	63	248450	48.14	ug/l	99
25) 2-Butanone	7.002	43	272818	298.77	ug/l	95
26) 2,2-Dichloropropane	6.996	77	237073	51.58	ug/l	100
27) cis-1,2-Dichloroethene	7.002	96	161924	47.43	ug/l	96
28) Bromochloromethane	7.350	49	108574	52.94	ug/l	93
29) Tetrahydrofuran	7.362	42	173805	293.52	ug/l	96
30) Chloroform	7.521	83	258782	48.82	ug/l	100
31) Cyclohexane	7.795	56	235339	49.59	ug/l	91
32) 1,1,1-Trichloroethane	7.716	97	239979	49.18	ug/l	99
36) 1,1-Dichloropropene	7.929	75	201112	48.18	ug/l	98
37) Ethyl Acetate	7.088	43	117142	55.60	ug/l	98
38) Carbon Tetrachloride	7.911	117	214664	47.01	ug/l	97
39) Methylcyclohexane	9.191	83	257515	45.51	ug/l	93
40) Benzene	8.173	78	570347	47.39	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	68577m	52.89	ug/l	
42) 1,2-Dichloroethane	8.246	62	178904	52.04	ug/l	97
43) Isopropyl Acetate	8.283	43	234022	57.87	ug/l	99
44) Trichloroethene	8.947	130	165312	43.80	ug/l	98
45) 1,2-Dichloropropane	9.222	63	144436	47.30	ug/l	98
46) Dibromomethane	9.313	93	83860	47.68	ug/l	96
47) Bromodichloromethane	9.502	83	208229	48.66	ug/l	98
48) Methyl methacrylate	9.301	41	111019	57.54	ug/l	94
49) 1,4-Dioxane	9.307	88	21895	969.38	ug/l	93
51) 4-Methyl-2-Pentanone	10.075	43	610401	285.12	ug/l	98
52) Toluene	10.252	92	369844	44.93	ug/l	96
53) t-1,3-Dichloropropene	10.471	75	223283	49.96	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	247520	48.71	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	119466	47.41	ug/l	98
56) Ethyl methacrylate	10.514	69	171604	52.67	ug/l	94
57) 1,3-Dichloropropane	10.794	76	204418	49.64	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	320626	220.41	ug/l	97
59) 2-Hexanone	10.837	43	433817	302.71	ug/l	99
60) Dibromochloromethane	10.990	129	151257	47.80	ug/l	99
61) 1,2-Dibromoethane	11.093	107	115524	47.73	ug/l	99
64) Tetrachloroethene	10.727	164	171502	42.32	ug/l	96
65) Chlorobenzene	11.520	112	403142	45.57	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	151694	45.66	ug/l	99
67) Ethyl Benzene	11.599	91	727056	47.40	ug/l	98
68) m/p-Xylenes	11.709	106	557247	92.39	ug/l	97
69) o-Xylene	12.032	106	265531	46.00	ug/l	96
70) Styrene	12.050	104	456127	46.58	ug/l	99
71) Bromoform	12.215	173	94511	44.83	ug/l #	100
73) Isopropylbenzene	12.331	105	728451	47.70	ug/l	99
74) N-amyl acetate	12.148	43	224072	60.42	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	135441	50.42	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	103859m	49.63	ug/l	
77) Bromobenzene	12.611	156	170236	44.64	ug/l	97
78) n-propylbenzene	12.672	91	857196	48.68	ug/l	98
79) 2-Chlorotoluene	12.758	91	481397	49.26	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	618706	49.65	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	53892	50.61	ug/l	97
82) 4-Chlorotoluene	12.855	91	506528	49.54	ug/l	98
83) tert-Butylbenzene	13.075	119	533988	48.57	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	622663	49.42	ug/l	98
85) sec-Butylbenzene	13.257	105	737872	50.06	ug/l	98
86) p-Isopropyltoluene	13.373	119	684169	49.45	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	328775	46.74	ug/l	97
88) 1,4-Dichlorobenzene	13.446	146	325013	45.69	ug/l	98
89) n-Butylbenzene	13.696	91	651517	50.54	ug/l	99
90) Hexachloroethane	13.965	117	124686	49.07	ug/l	83
91) 1,2-Dichlorobenzene	13.739	146	294757	46.13	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	25117	53.50	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	200494	43.69	ug/l	98
94) Hexachlorobutadiene	15.111	225	112193	40.96	ug/l	99
95) Naphthalene	15.239	128	410646	48.67	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	170529	45.11	ug/l	99

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

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