

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051021\
 Data File : VY004724.D
 Acq On : 10 May 2021 12:17
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 5/11/2021 10:35:53 AM

Quant Time: May 11 03:52:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 03:49:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	184212	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	294484	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	273199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134348	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	110228	50.27	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.54%			
35) Dibromofluoromethane	7.728	113	86938	53.93	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.86%			
50) Toluene-d8	10.185	98	384236	52.76	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.52%			
62) 4-Bromofluorobenzene	12.483	95	128502	52.28	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.56%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	85067	50.43	ug/l	100
3) Chloromethane	2.119	50	131054	47.94	ug/l	100
4) Vinyl Chloride	2.253	62	135054	48.28	ug/l	100
5) Bromomethane	2.656	94	70633	49.51	ug/l	100
6) Chloroethane	2.796	64	83300	50.46	ug/l	100
7) Trichlorofluoromethane	3.131	101	168298	50.68	ug/l	100
8) Diethyl Ether	3.540	74	57029	48.61	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.906	101	94108	49.96	ug/l	100
10) Methyl Iodide	4.101	142	103871	51.57	ug/l	100
11) Tert butyl alcohol	4.972	59	48066	218.13	ug/l	100
12) 1,1-Dichloroethene	3.881	96	91934	50.49	ug/l	100
13) Acrolein	3.741	56	62128	239.82	ug/l	100
14) Allyl chloride	4.491	41	179716	50.51	ug/l	100
15) Acrylonitrile	5.174	53	144025	244.89	ug/l	100
16) Acetone	3.960	43	118322	240.25	ug/l	100
17) Carbon Disulfide	4.204	76	284416	51.15	ug/l	100
18) Methyl Acetate	4.485	43	74776	47.61	ug/l	100
19) Methyl tert-butyl Ether	5.235	73	249424	49.80	ug/l	100
20) Methylene Chloride	4.722	84	115174	36.49	ug/l	100
21) trans-1,2-Dichloroethene	5.228	96	105954	51.22	ug/l	100
22) Diisopropyl ether	6.131	45	349668	51.09	ug/l	100
23) Vinyl Acetate	6.070	43	1310911	255.03	ug/l	100
24) 1,1-Dichloroethane	6.027	63	194951	50.62	ug/l	100
25) 2-Butanone	6.996	43	213113	243.56	ug/l	100
26) 2,2-Dichloropropane	6.990	77	171369	50.94	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	116232	50.59	ug/l	100
28) Bromochloromethane	7.344	49	96224	51.15	ug/l	100
29) Tetrahydrofuran	7.356	42	137161	245.74	ug/l	100
30) Chloroform	7.515	83	192536	50.74	ug/l	100
31) Cyclohexane	7.789	56	174073	49.04	ug/l	100
32) 1,1,1-Trichloroethane	7.710	97	173155	50.91	ug/l	100
36) 1,1-Dichloropropene	7.923	75	155507	51.53	ug/l	100
37) Ethyl Acetate	7.088	43	100570	48.63	ug/l	100
38) Carbon Tetrachloride	7.905	117	144557	53.29	ug/l	100
39) Methylcyclohexane	9.185	83	175281	53.26	ug/l	100
40) Benzene	8.167	78	443284	51.96	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	62521m	53.93	ug/l	
42) 1,2-Dichloroethane	8.246	62	137787	51.14	ug/l	100
43) Isopropyl Acetate	8.283	43	195621	50.95	ug/l	100
44) Trichloroethene	8.941	130	120003	52.33	ug/l	100
45) 1,2-Dichloropropane	9.222	63	115429	51.72	ug/l	100
46) Dibromomethane	9.313	93	63104	50.83	ug/l	100
47) Bromodichloromethane	9.502	83	151955	51.61	ug/l	100
48) Methyl methacrylate	9.295	41	88411	50.60	ug/l	100
49) 1,4-Dioxane	9.307	88	14496	991.78	ug/l	100
51) 4-Methyl-2-Pentanone	10.075	43	521789	252.60	ug/l	100
52) Toluene	10.246	92	282073	52.36	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	169811	52.06	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	187223	51.59	ug/l	100
55) 1,1,2-Trichloroethane	10.648	97	86595	50.69	ug/l	100
56) Ethyl methacrylate	10.514	69	129090	52.25	ug/l	100
57) 1,3-Dichloropropane	10.795	76	157252	51.77	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	309447	242.67	ug/l	100
59) 2-Hexanone	10.837	43	359449	256.79	ug/l	100
60) Dibromochloromethane	10.984	129	103149	50.78	ug/l	100
61) 1,2-Dibromoethane	11.093	107	85809	52.10	ug/l	100
64) Tetrachloroethene	10.721	164	127800	51.78	ug/l	100
65) Chlorobenzene	11.520	112	292168	51.97	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	106007	51.86	ug/l	100
67) Ethyl Benzene	11.593	91	552157	52.86	ug/l	100
68) m/p-Xylenes	11.703	106	418539	106.63	ug/l	100
69) o-Xylene	12.032	106	194836	53.11	ug/l	100
70) Styrene	12.044	104	331896	53.97	ug/l	100
71) Bromoform	12.209	173	63907	51.61	ug/l #	100
73) Isopropylbenzene	12.331	105	535799	52.87	ug/l	100
74) N-amyl acetate	12.148	43	185891	51.87	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.587	83	102002	50.43	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	72069m	52.98	ug/l	
77) Bromobenzene	12.611	156	116586	50.94	ug/l	100
78) n-propylbenzene	12.672	91	658246	53.22	ug/l	100
79) 2-Chlorotoluene	12.758	91	354296	52.20	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	449411	53.39	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	41704	50.67	ug/l	100
82) 4-Chlorotoluene	12.855	91	370892	52.62	ug/l	100
83) tert-Butylbenzene	13.075	119	387761	53.96	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	447319	53.09	ug/l	100
85) sec-Butylbenzene	13.257	105	562677	53.86	ug/l	100
86) p-Isopropyltoluene	13.373	119	488122	53.90	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	230964	51.45	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	229133	51.80	ug/l	100
89) n-Butylbenzene	13.696	91	481384	54.37	ug/l	100
90) Hexachloroethane	13.965	117	67921	53.25	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	204562	51.66	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	17940	47.47	ug/l	100
93) 1,2,4-Trichlorobenzene	15.007	180	133488	52.34	ug/l	100
94) Hexachlorobutadiene	15.117	225	73728	53.36	ug/l	100
95) Naphthalene	15.239	128	290169	52.57	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	116932	51.80	ug/l	100

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

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