

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012821\
 Data File : VY003954.D
 Acq On : 28 Jan 2021 13:09
 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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SAM
 2/1/2021 3:35:33 PM

Quant Time: Jan 28 18:05:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 28 18:02:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	104708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	156104	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	145018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75865	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	56499	49.07	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.14%		
35) Dibromofluoromethane	7.728	113	44749	49.03	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.06%		
50) Toluene-d8	10.185	98	171471	47.87	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.74%		
62) 4-Bromofluorobenzene	12.483	95	62995	48.25	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.50%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	50250	48.41	ug/l	98
3) Chloromethane	2.119	50	61670	47.18	ug/l	97
4) Vinyl Chloride	2.259	62	66948	49.12	ug/l	99
5) Bromomethane	2.662	94	45987	47.37	ug/l	100
6) Chloroethane	2.808	64	41988	49.15	ug/l	100
7) Trichlorofluoromethane	3.137	101	95485	50.55	ug/l	98
8) Diethyl Ether	3.540	74	29678	50.23	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.912	101	48716	49.97	ug/l	97
10) Methyl Iodide	4.107	142	66002	54.72	ug/l	99
11) Tert butyl alcohol	4.972	59	29961	253.51	ug/l #	94
12) 1,1-Dichloroethene	3.887	96	47078	49.82	ug/l	98
13) Acrolein	3.747	56	27110	255.41	ug/l	98
14) Allyl chloride	4.497	41	88840	51.05	ug/l	95
15) Acrylonitrile	5.180	53	80291	267.01	ug/l	99
16) Acetone	3.966	43	78206	276.70	ug/l	97
17) Carbon Disulfide	4.210	76	156033	50.23	ug/l	97
18) Methyl Acetate	4.503	43	36983	52.50	ug/l	92
19) Methyl tert-butyl Ether	5.241	73	150663	52.21	ug/l	97
20) Methylene Chloride	4.735	84	55056	45.88	ug/l	95
21) trans-1,2-Dichloroethene	5.241	96	55075	50.64	ug/l	97
22) Diisopropyl ether	6.131	45	177099	51.15	ug/l	94
23) Vinyl Acetate	6.082	43	623208	264.14	ug/l	97
24) 1,1-Dichloroethane	6.033	63	98500	51.32	ug/l	99
25) 2-Butanone	7.002	43	111749	277.50	ug/l	98
26) 2,2-Dichloropropane	6.996	77	93326	51.03	ug/l	100
27) cis-1,2-Dichloroethene	7.002	96	60999	50.54	ug/l	99
28) Bromochloromethane	7.350	49	44516	53.84	ug/l	89
29) Tetrahydrofuran	7.362	42	69847	272.13	ug/l	93
30) Chloroform	7.521	83	103476	51.29	ug/l	97
31) Cyclohexane	7.795	56	92210	47.69	ug/l	97
32) 1,1,1-Trichloroethane	7.716	97	95932	51.55	ug/l	98
36) 1,1-Dichloropropene	7.929	75	80235	50.82	ug/l	98
37) Ethyl Acetate	7.088	43	48528	54.34	ug/l	97
38) Carbon Tetrachloride	7.911	117	87767	51.45	ug/l	97
39) Methylcyclohexane	9.191	83	96496	51.28	ug/l	98
40) Benzene	8.173	78	222304	50.93	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	28827m	41.52	ug/l	
42) 1,2-Dichloroethane	8.246	62	78094	51.97	ug/l	98
43) Isopropyl Acetate	8.283	43	93376	53.75	ug/l	97
44) Trichloroethene	8.947	130	60614	50.26	ug/l	100
45) 1,2-Dichloropropane	9.222	63	55553	51.42	ug/l	99
46) Dibromomethane	9.313	93	32325	52.36	ug/l	95
47) Bromodichloromethane	9.502	83	83243	52.14	ug/l	97
48) Methyl methacrylate	9.301	41	44612	52.57	ug/l	96
49) 1,4-Dioxane	9.307	88	7792	1137.53	ug/l	89
51) 4-Methyl-2-Pentanone	10.075	43	244750	275.85	ug/l	97
52) Toluene	10.246	92	142162	51.60	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	89854	53.43	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	95790	51.37	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	45101	52.71	ug/l	97
56) Ethyl methacrylate	10.514	69	67407	55.18	ug/l	95
57) 1,3-Dichloropropane	10.794	76	79201	51.67	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	133641	241.26	ug/l	97
59) 2-Hexanone	10.837	43	176432	283.69	ug/l	97
60) Dibromochloromethane	10.990	129	58951	52.86	ug/l	98
61) 1,2-Dibromoethane	11.093	107	44426	51.89	ug/l	96
64) Tetrachloroethene	10.721	164	65872	50.66	ug/l	98
65) Chlorobenzene	11.520	112	151026	51.38	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	59952	52.28	ug/l	98
67) Ethyl Benzene	11.593	91	284949	51.70	ug/l	99
68) m/p-Xylenes	11.703	106	209795	102.72	ug/l	100
69) o-Xylene	12.032	106	98796	51.99	ug/l	99
70) Styrene	12.044	104	173101	52.80	ug/l	99
71) Bromoform	12.209	173	39953	54.44	ug/l #	98
73) Isopropylbenzene	12.331	105	274158	50.49	ug/l	98
74) N-amyl acetate	12.142	43	86200	54.00	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	52282	53.09	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	38836m	40.55	ug/l	
77) Bromobenzene	12.611	156	69680	51.77	ug/l	96
78) n-propylbenzene	12.672	91	325768	50.42	ug/l	99
79) 2-Chlorotoluene	12.757	91	188999	51.08	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	236160	50.68	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	21229	53.09	ug/l	96
82) 4-Chlorotoluene	12.855	91	197429	50.45	ug/l	99
83) tert-Butylbenzene	13.075	119	196549	50.73	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	236926	50.72	ug/l	100
85) sec-Butylbenzene	13.251	105	272100	50.68	ug/l	100
86) p-Isopropyltoluene	13.367	119	253984	50.71	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	128812	50.78	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	127304	50.81	ug/l	99
89) n-Butylbenzene	13.696	91	233375	50.19	ug/l	100
90) Hexachloroethane	13.958	117	47016	51.28	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	115380	51.05	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10497	51.71	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	79175	50.62	ug/l	99
94) Hexachlorobutadiene	15.111	225	49224	48.97	ug/l	99
95) Naphthalene	15.233	128	157000	53.48	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	68230	50.63	ug/l	100

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

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