

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041621\
 Data File : VY004484.D
 Acq On : 16 Apr 2021 20:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 4/19/2021 3:02:54 PM

Quant Time: Apr 17 00:58:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	141065	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	240040	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	222217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105320	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	92295	58.89	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.78%			
35) Dibromofluoromethane	7.728	113	71612	53.76	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.52%			
50) Toluene-d8	10.185	98	306730	54.13	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.26%			
62) 4-Bromofluorobenzene	12.483	95	103653	53.91	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.82%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	64601	49.43	ug/l	97
3) Chloromethane	2.119	50	96222	50.91	ug/l	98
4) Vinyl Chloride	2.259	62	111337	55.78	ug/l	100
5) Bromomethane	2.656	94	53104	54.53	ug/l	99
6) Chloroethane	2.802	64	65443	54.69	ug/l	98
7) Trichlorofluoromethane	3.131	101	125666	50.34	ug/l	99
8) Diethyl Ether	3.540	74	49154	58.26	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.912	101	70440	50.87	ug/l	99
10) Methyl Iodide	4.101	142	83049	50.11	ug/l	99
11) Tert butyl alcohol	4.972	59	47943	310.39	ug/l	99
12) 1,1-Dichloroethene	3.881	96	70109	51.20	ug/l	92
13) Acrolein	3.741	56	55515	323.31	ug/l	99
14) Allyl chloride	4.491	41	143151	54.66	ug/l	99
15) Acrylonitrile	5.180	53	139804	308.85	ug/l	98
16) Acetone	3.960	43	113251	347.98	ug/l	98
17) Carbon Disulfide	4.204	76	215147	51.03	ug/l	99
18) Methyl Acetate	4.491	43	69473	63.64	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	238529	57.97	ug/l	96
20) Methylene Chloride	4.728	84	91291	60.31	ug/l	97
21) trans-1,2-Dichloroethene	5.234	96	83712	54.03	ug/l	98
22) Diisopropyl ether	6.131	45	321596	58.09	ug/l	96
23) Vinyl Acetate	6.076	43	1128391	299.44	ug/l	99
24) 1,1-Dichloroethane	6.033	63	157399	55.66	ug/l	99
25) 2-Butanone	7.002	43	196597	329.29	ug/l	100
26) 2,2-Dichloropropane	6.990	77	122162	48.14	ug/l	99
27) cis-1,2-Dichloroethene	7.002	96	96136	55.46	ug/l	98
28) Bromochloromethane	7.344	49	81595	63.48	ug/l	98
29) Tetrahydrofuran	7.356	42	136207	319.32	ug/l	99
30) Chloroform	7.515	83	154740	55.68	ug/l	99
31) Cyclohexane	7.789	56	139696	48.62	ug/l	95
32) 1,1,1-Trichloroethane	7.710	97	131929	52.32	ug/l	99
36) 1,1-Dichloropropene	7.929	75	117819	49.40	ug/l	100
37) Ethyl Acetate	7.088	43	90265	58.77	ug/l	98
38) Carbon Tetrachloride	7.911	117	105748	51.29	ug/l	98
39) Methylcyclohexane	9.185	83	140181	47.74	ug/l	98
40) Benzene	8.167	78	353432	52.73	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	45333m	48.70	ug/l	
42) 1,2-Dichloroethane	8.246	62	111746	53.14	ug/l	100
43) Isopropyl Acetate	8.283	43	172376	59.20	ug/l	98
44) Trichloroethene	8.947	130	92880	50.82	ug/l	99
45) 1,2-Dichloropropane	9.222	63	94332	54.53	ug/l	96
46) Dibromomethane	9.313	93	52964	56.23	ug/l	98
47) Bromodichloromethane	9.502	83	124474	54.59	ug/l	99
48) Methyl methacrylate	9.301	41	79634	59.39	ug/l	100
49) 1,4-Dioxane	9.307	88	15210	1236.49	ug/l	93
51) 4-Methyl-2-Pentanone	10.075	43	461099	308.28	ug/l	99
52) Toluene	10.246	92	221002	50.95	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	134423	53.45	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	149528	52.35	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	72357	55.75	ug/l	98
56) Ethyl methacrylate	10.514	69	108341	57.57	ug/l	98
57) 1,3-Dichloropropane	10.794	76	130494	56.35	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	286352	297.37	ug/l	99
59) 2-Hexanone	10.837	43	318841	317.99	ug/l	99
60) Dibromochloromethane	10.990	129	85836	55.65	ug/l	99
61) 1,2-Dibromoethane	11.093	107	69746	55.74	ug/l	98
64) Tetrachloroethene	10.721	164	94913	49.06	ug/l	98
65) Chlorobenzene	11.520	112	230401	50.81	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	84541	52.23	ug/l	99
67) Ethyl Benzene	11.593	91	422842	49.83	ug/l	99
68) m/p-Xylenes	11.709	106	317002	100.54	ug/l	99
69) o-Xylene	12.032	106	149667	50.66	ug/l	100
70) Styrene	12.044	104	256815	52.48	ug/l	100
71) Bromoform	12.209	173	52199	54.38	ug/l #	99
73) Isopropylbenzene	12.331	105	398855	49.01	ug/l	100
74) N-amyl acetate	12.148	43	158788	57.95	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	85763	55.70	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	62383m	55.19	ug/l	
77) Bromobenzene	12.611	156	92231	50.56	ug/l	98
78) n-propylbenzene	12.672	91	471861	49.08	ug/l	99
79) 2-Chlorotoluene	12.758	91	260009	49.45	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	330060	49.90	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	33278	52.66	ug/l	98
82) 4-Chlorotoluene	12.855	91	277504	49.98	ug/l	100
83) tert-Butylbenzene	13.075	119	282664	49.92	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	338878	50.77	ug/l	100
85) sec-Butylbenzene	13.257	105	390573	49.45	ug/l	100
86) p-Isopropyltoluene	13.373	119	352068	49.01	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	172893	50.74	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	170629	49.75	ug/l	100
89) n-Butylbenzene	13.696	91	331626	48.36	ug/l	100
90) Hexachloroethane	13.965	117	51051	52.97	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	155631	51.46	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	15236	55.14	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	97247	48.63	ug/l	100
94) Hexachlorobutadiene	15.117	225	49801	47.70	ug/l	100
95) Naphthalene	15.239	128	231266	53.20	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	88062	49.92	ug/l	100

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

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