

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042021\
 Data File : VY004541.D
 Acq On : 20 Apr 2021 20:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/21/2021 4:31:38 PM

Quant Time: Apr 21 08:55:55 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	148998	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	250968	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	228928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	107599	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	96347	58.20	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.40%			
35) Dibromofluoromethane	7.728	113	74181	53.26	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.52%			
50) Toluene-d8	10.185	98	318575	53.78	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.56%			
62) 4-Bromofluorobenzene	12.483	95	107354	53.40	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.80%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	68310	49.48	ug/l	96
3) Chloromethane	2.119	50	99505	49.85	ug/l	100
4) Vinyl Chloride	2.259	62	118632	56.27	ug/l	100
5) Bromomethane	2.656	94	57939	56.33	ug/l	93
6) Chloroethane	2.802	64	69544	55.02	ug/l	98
7) Trichlorofluoromethane	3.137	101	137968	52.33	ug/l	99
8) Diethyl Ether	3.540	74	47585	53.40	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.911	101	74731	51.10	ug/l	99
10) Methyl Iodide	4.100	142	84892	48.50	ug/l	98
11) Tert butyl alcohol	4.972	59	40643	249.12	ug/l	99
12) 1,1-Dichloroethene	3.881	96	73428	50.77	ug/l	91
13) Acrolein	3.741	56	41524	228.95	ug/l	97
14) Allyl chloride	4.491	41	142116	51.38	ug/l	98
15) Acrylonitrile	5.180	53	124738	260.90	ug/l	98
16) Acetone	3.960	43	100509	289.06	ug/l	94
17) Carbon Disulfide	4.204	76	219869	49.37	ug/l	99
18) Methyl Acetate	4.491	43	61321	53.18	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	233854	53.81	ug/l	100
20) Methylene Chloride	4.728	84	92361	57.76	ug/l	99
21) trans-1,2-Dichloroethene	5.228	96	85723	52.38	ug/l	97
22) Diisopropyl ether	6.131	45	320344	54.79	ug/l	99
23) Vinyl Acetate	6.076	43	1060103	266.34	ug/l	99
24) 1,1-Dichloroethane	6.033	63	161607	54.10	ug/l	99
25) 2-Butanone	7.002	43	169810	269.28	ug/l	97
26) 2,2-Dichloropropane	6.990	77	131741	49.15	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	98432	53.76	ug/l	100
28) Bromochloromethane	7.344	49	81903	60.33	ug/l	100
29) Tetrahydrofuran	7.356	42	116771	259.18	ug/l	99
30) Chloroform	7.514	83	162814	55.47	ug/l	96
31) Cyclohexane	7.795	56	145874	48.07	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	143746	53.98	ug/l	99
36) 1,1-Dichloropropene	7.929	75	123838	49.66	ug/l	99
37) Ethyl Acetate	7.088	43	80531	50.15	ug/l	99
38) Carbon Tetrachloride	7.905	117	115130	53.40	ug/l	98
39) Methylcyclohexane	9.191	83	149480	48.69	ug/l	99
40) Benzene	8.167	78	361490	51.58	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	49648m	51.01	ug/l	
42) 1,2-Dichloroethane	8.246	62	116829	53.14	ug/l	99
43) Isopropyl Acetate	8.283	43	155595	51.11	ug/l	100
44) Trichloroethene	8.947	130	97252	50.89	ug/l	99
45) 1,2-Dichloropropane	9.222	63	94605	52.30	ug/l	97
46) Dibromomethane	9.313	93	50888	51.68	ug/l	98
47) Bromodichloromethane	9.502	83	128391	53.85	ug/l	98
48) Methyl methacrylate	9.295	41	72684	51.84	ug/l	99
49) 1,4-Dioxane	9.301	88	13221	1027.99	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	405414	259.24	ug/l	99
52) Toluene	10.246	92	229435	50.59	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	135796	51.64	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	150345	50.34	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	69216	51.01	ug/l	97
56) Ethyl methacrylate	10.514	69	101463	51.56	ug/l	95
57) 1,3-Dichloropropane	10.794	76	127160	52.52	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	280898	279.01	ug/l	99
59) 2-Hexanone	10.837	43	273506	260.90	ug/l	99
60) Dibromochloromethane	10.989	129	85331	52.92	ug/l	99
61) 1,2-Dibromoethane	11.093	107	68374	52.27	ug/l	99
64) Tetrachloroethene	10.721	164	104883	52.62	ug/l	99
65) Chlorobenzene	11.520	112	236339	50.59	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	87468	52.46	ug/l	99
67) Ethyl Benzene	11.593	91	442373	50.61	ug/l	98
68) m/p-Xylenes	11.703	106	330525	101.76	ug/l	99
69) o-Xylene	12.032	106	154995	50.92	ug/l	99
70) Styrene	12.044	104	264048	52.37	ug/l	99
71) Bromoform	12.209	173	50356	50.92	ug/l #	100
73) Isopropylbenzene	12.331	105	423244	50.90	ug/l	100
74) N-amyl acetate	12.142	43	143196	51.16	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	77453	49.24	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	56558m	48.97	ug/l	
77) Bromobenzene	12.611	156	93558	50.20	ug/l	100
78) n-propylbenzene	12.672	91	501459	51.05	ug/l	99
79) 2-Chlorotoluene	12.757	91	276881	51.54	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	349225	51.68	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	29225	45.27	ug/l	96
82) 4-Chlorotoluene	12.855	91	290917	51.29	ug/l	99
83) tert-Butylbenzene	13.074	119	291144	50.33	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	350445	51.39	ug/l	99
85) sec-Butylbenzene	13.251	105	414580	51.38	ug/l	100
86) p-Isopropyltoluene	13.373	119	376660	51.32	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	178105	51.17	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	175148	49.99	ug/l	100
89) n-Butylbenzene	13.696	91	349387	49.87	ug/l	100
90) Hexachloroethane	13.958	117	54709	55.56	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	157722	51.05	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	13346	47.28	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	97419	47.68	ug/l	100
94) Hexachlorobutadiene	15.111	225	53722	50.37	ug/l	98
95) Naphthalene	15.239	128	211790	47.69	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	85375	47.37	ug/l	99

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

