

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010821\
 Data File : VD068049.D
 Acq On : 08 Jan 2021 15:27
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/12/2021 5:08:15 PM

Quant Time: Jan 08 21:50:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 23 07:34:16 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	218509	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	377964	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	351639	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	162624	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	116202	49.25	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.50%		
35) Dibromofluoromethane	7.914	113	118671	49.83	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.66%		
50) Toluene-d8	10.344	98	437890	48.92	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.84%		
62) 4-Bromofluorobenzene	12.632	95	150976	49.31	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.62%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	131059	58.89	ug/l	96
3) Chloromethane	2.209	50	142720	46.91	ug/l	97
4) Vinyl Chloride	2.350	62	143060	50.46	ug/l	92
5) Bromomethane	2.767	94	92891	52.05	ug/l	96
6) Chloroethane	2.926	64	87594	50.27	ug/l	99
7) Trichlorofluoromethane	3.279	101	239215	57.25	ug/l	95
8) Diethyl Ether	3.709	74	67755	56.56	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.097	101	144767	58.12	ug/l	96
10) Methyl Iodide	4.303	142	145480	56.69	ug/l	98
11) Tert butyl alcohol	5.209	59	39086	297.09	ug/l #	88
12) 1,1-Dichloroethene	4.067	96	133915	56.05	ug/l	95
13) Acrolein	3.926	56	42551	253.39	ug/l	96
14) Allyl chloride	4.720	41	223575	52.63	ug/l	95
15) Acrylonitrile	5.420	53	162505	283.33	ug/l	99
16) Acetone	4.156	43	137121	304.38	ug/l #	89
17) Carbon Disulfide	4.409	76	438633	52.69	ug/l	98
18) Methyl Acetate	4.720	43	71705	53.86	ug/l	95
19) Methyl tert-butyl Ether	5.473	73	298213	60.04	ug/l	99
20) Methylene Chloride	4.961	84	163362	57.13	ug/l	95
21) trans-1,2-Dichloroethene	5.467	96	159641	55.92	ug/l	97
22) Diisopropyl ether	6.361	45	470373	54.98	ug/l	97
23) Vinyl Acetate	6.303	43	1252066	287.91	ug/l	99
24) 1,1-Dichloroethane	6.267	63	285510	55.13	ug/l	97
25) 2-Butanone	7.208	43	188367	283.53	ug/l	97
26) 2,2-Dichloropropane	7.208	77	232215	56.91	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	171647	56.27	ug/l	99
28) Bromochloromethane	7.544	49	101369	51.91	ug/l	99
29) Tetrahydrofuran	7.561	42	125654	279.60	ug/l	97
30) Chloroform	7.714	83	282507	55.69	ug/l	100
31) Cyclohexane	7.985	56	258144	53.52	ug/l	95
32) 1,1,1-Trichloroethane	7.903	97	247631	56.99	ug/l	99
36) 1,1-Dichloropropene	8.114	75	226185	56.30	ug/l	99
37) Ethyl Acetate	7.285	43	82720	50.89	ug/l #	95
38) Carbon Tetrachloride	8.097	117	211349	55.08	ug/l	97
39) Methylcyclohexane	9.355	83	267525	58.08	ug/l	98
40) Benzene	8.350	78	631192	54.16	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	47764	52.20	ug/l #	85
42) 1,2-Dichloroethane	8.426	62	175620	55.88	ug/l	98
43) Isopropyl Acetate	8.450	43	166542	55.82	ug/l	98
44) Trichloroethene	9.114	130	158664	54.31	ug/l	98
45) 1,2-Dichloropropane	9.391	63	165774	55.88	ug/l	95
46) Dibromomethane	9.473	93	82351	57.11	ug/l	95
47) Bromodichloromethane	9.661	83	216987	55.77	ug/l	93
48) Methyl methacrylate	9.455	41	86583	56.15	ug/l	95
49) 1,4-Dioxane	9.455	88	17872	1135.03	ug/l	98
51) 4-Methyl-2-Pentanone	10.226	43	439780	284.65	ug/l	97
52) Toluene	10.402	92	404031	56.16	ug/l	98
53) t-1,3-Dichloropropene	10.620	75	202921	57.67	ug/l	92
54) cis-1,3-Dichloropropene	10.091	75	250695	57.58	ug/l	98
55) 1,1,2-Trichloroethane	10.802	97	113107	56.12	ug/l	96
56) Ethyl methacrylate	10.661	69	137671	60.80	ug/l	96
57) 1,3-Dichloropropane	10.949	76	202170	57.05	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.944	63	335630	294.53	ug/l	100
59) 2-Hexanone	10.985	43	297775	293.28	ug/l	99
60) Dibromochloromethane	11.144	129	140798	56.40	ug/l	98
61) 1,2-Dibromoethane	11.249	107	110238	57.01	ug/l	96
64) Tetrachloroethene	10.879	164	127044	51.50	ug/l	96
65) Chlorobenzene	11.673	112	413132	54.46	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.743	131	145559	53.76	ug/l	97
67) Ethyl Benzene	11.749	91	757027	55.96	ug/l	99
68) m/p-Xylenes	11.855	106	583004	113.08	ug/l	99
69) o-Xylene	12.185	106	253697	54.99	ug/l	95
70) Styrene	12.196	104	459873	57.69	ug/l	99
71) Bromoform	12.367	173	73942	54.03	ug/l #	96
73) Isopropylbenzene	12.485	105	710665	58.87	ug/l	98
74) N-amyl acetate	12.291	43	159390	58.17	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.732	83	123734	55.25	ug/l	98
76) 1,2,3-Trichloropropane	12.785	75	81659m	59.64	ug/l	
77) Bromobenzene	12.761	156	152165	55.12	ug/l	93
78) n-propylbenzene	12.820	91	895039	59.65	ug/l	99
79) 2-Chlorotoluene	12.908	91	488702	57.65	ug/l	98
80) 1,3,5-Trimethylbenzene	12.961	105	595220	59.37	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.526	75	40698	60.93	ug/l	97
82) 4-Chlorotoluene	13.008	91	516873	58.02	ug/l	100
83) tert-Butylbenzene	13.226	119	483462	58.63	ug/l	98
84) 1,2,4-Trimethylbenzene	13.267	105	597211	59.40	ug/l	100
85) sec-Butylbenzene	13.402	105	719649	59.65	ug/l	99
86) p-Isopropyltoluene	13.520	119	648665	61.10	ug/l	96
87) 1,3-Dichlorobenzene	13.520	146	300591	54.76	ug/l	99
88) 1,4-Dichlorobenzene	13.596	146	292150	53.89	ug/l	99
89) n-Butylbenzene	13.843	91	642592	61.02	ug/l	99
90) Hexachloroethane	14.114	117	125122	57.68	ug/l	89
91) 1,2-Dichlorobenzene	13.890	146	259199	56.08	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.508	75	17748	50.62	ug/l	99
93) 1,2,4-Trichlorobenzene	15.161	180	156994	57.21	ug/l	96
94) Hexachlorobutadiene	15.273	225	84788	52.80	ug/l	98
95) Naphthalene	15.402	128	290379	59.88	ug/l	99
96) 1,2,3-Trichlorobenzene	15.596	180	132854	56.03	ug/l	95

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

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