

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060721\
 Data File : VD069381.D
 Acq On : 07 Jun 2021 21:27
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/8/2021 2:58:30 PM

Quant Time: Jun 08 04:24:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	387007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	649677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	628647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	320716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	172869	46.553	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.100%		
35) Dibromofluoromethane	7.914	113	188319	46.159	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.320%		
50) Toluene-d8	10.338	98	656065	44.222	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	88.440%		
62) 4-Bromofluorobenzene	12.626	95	231701	47.663	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.320%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	153139	37.592	ug/l	98
3) Chloromethane	2.209	50	162420	52.813	ug/l	100
4) Vinyl Chloride	2.344	62	166461	53.131	ug/l	95
5) Bromomethane	2.768	94	127659	55.851	ug/l	97
6) Chloroethane	2.921	64	105076	58.774	ug/l	99
7) Trichlorofluoromethane	3.274	101	310287	42.579	ug/l	97
8) Diethyl Ether	3.715	74	87680	48.974	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.097	101	182271	42.475	ug/l	99
10) Methyl Iodide	4.297	142	175550	40.563	ug/l	100
11) Tert butyl alcohol	5.226	59	58889	259.692	ug/l	98
12) 1,1-Dichloroethene	4.068	96	172973	44.562	ug/l	97
13) Acrolein	3.926	56	59024	238.907	ug/l	95
14) Allyl chloride	4.715	41	214196	45.735	ug/l	98
15) Acrylonitrile	5.420	53	177659	254.546	ug/l	97
16) Acetone	4.150	43	135327	208.831	ug/l	99
17) Carbon Disulfide	4.409	76	552355	43.032	ug/l	98
18) Methyl Acetate	4.715	43	81357	46.393	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	379190	53.190	ug/l	95
20) Methylene Chloride	4.962	84	255538	54.496	ug/l	98
21) trans-1,2-Dichloroethene	5.473	96	217477	47.306	ug/l	90
22) Diisopropyl ether	6.362	45	471813	52.453	ug/l	94
23) Vinyl Acetate	6.303	43	1392801	242.688	ug/l	97
24) 1,1-Dichloroethane	6.262	63	358482	47.626	ug/l	99
25) 2-Butanone	7.209	43	215093	252.247	ug/l	99
26) 2,2-Dichloropropane	7.209	77	291088	41.967	ug/l	98
27) cis-1,2-Dichloroethene	7.215	96	245114	50.338	ug/l	96
28) Bromochloromethane	7.550	49	132119	50.625	ug/l	93
29) Tetrahydrofuran	7.562	42	129209	263.632	ug/l	99
30) Chloroform	7.709	83	406140	49.356	ug/l	99
31) Cyclohexane	7.985	56	232152	39.345	ug/l	98
32) 1,1,1-Trichloroethane	7.903	97	340557	45.859	ug/l	99
36) 1,1-Dichloropropene	8.114	75	275330	43.600	ug/l	99
37) Ethyl Acetate	7.291	43	103677	48.353	ug/l	99
38) Carbon Tetrachloride	8.091	117	295319	43.314	ug/l	96
39) Methylcyclohexane	9.356	83	265006	41.023	ug/l	96
40) Benzene	8.350	78	860452	46.915	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	50384	48.399	ug/l	98
42) 1,2-Dichloroethane	8.426	62	236862	48.394	ug/l	100
43) Isopropyl Acetate	8.450	43	192956	49.446	ug/l	99
44) Trichloroethene	9.114	130	235120	47.184	ug/l	97
45) 1,2-Dichloropropane	9.385	63	214408	49.101	ug/l	94
46) Dibromomethane	9.473	93	128559	51.509	ug/l	97
47) Bromodichloromethane	9.661	83	318365	49.467	ug/l	99
48) Methyl methacrylate	9.456	41	91383	50.440	ug/l	87
49) 1,4-Dioxane	9.467	88	26906	1097.447	ug/l	98
51) 4-Methyl-2-Pentanone	10.226	43	528075	262.001	ug/l	100
52) Toluene	10.403	92	560571	48.424	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	273009	47.498	ug/l	98
54) cis-1,3-Dichloropropene	10.091	75	322740	47.096	ug/l	96
55) 1,1,2-Trichloroethane	10.797	97	172709	49.886	ug/l	94
56) Ethyl methacrylate	10.661	69	191963	48.691	ug/l	97
57) 1,3-Dichloropropane	10.944	76	288558	51.404	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	468637	289.085	ug/l	99
59) 2-Hexanone	10.979	43	353259	262.193	ug/l	99
60) Dibromochloromethane	11.138	129	220705	50.593	ug/l	98
61) 1,2-Dibromoethane	11.244	107	169706	51.389	ug/l	100
64) Tetrachloroethene	10.873	164	200090	45.727	ug/l	97
65) Chlorobenzene	11.667	112	611636	47.611	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	231597	48.115	ug/l	97
67) Ethyl Benzene	11.744	91	1050867	47.612	ug/l	99
68) m/p-Xylenes	11.850	106	834117	96.446	ug/l	99
69) o-Xylene	12.179	106	381311	49.851	ug/l	99
70) Styrene	12.191	104	688458	51.848	ug/l	99
71) Bromoform	12.355	173	128412	51.436	ug/l #	99
73) Isopropylbenzene	12.473	105	978354	44.573	ug/l	100
74) N-amyl acetate	12.285	43	189705	48.941	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	190082	46.389	ug/l	100
76) 1,2,3-Trichloropropane	12.779	75	144094m	51.712	ug/l	
77) Bromobenzene	12.755	156	253562	47.969	ug/l	97
78) n-propylbenzene	12.814	91	1199849	44.572	ug/l	100
79) 2-Chlorotoluene	12.902	91	694109	45.360	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	841564	45.272	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	52336	41.621	ug/l	94
82) 4-Chlorotoluene	12.997	91	727919	45.216	ug/l	99
83) tert-Butylbenzene	13.220	119	700314	44.985	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	862716	46.665	ug/l	98
85) sec-Butylbenzene	13.397	105	991297	43.141	ug/l	100
86) p-Isopropyltoluene	13.508	119	882889	43.944	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	490029	45.809	ug/l	99
88) 1,4-Dichlorobenzene	13.591	146	489195	45.884	ug/l	98
89) n-Butylbenzene	13.838	91	785466	41.785	ug/l	100
90) Hexachloroethane	14.102	117	162887	42.678	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	431057	46.763	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	29015	44.452	ug/l	96
93) 1,2,4-Trichlorobenzene	15.155	180	255734	46.240	ug/l	100
94) Hexachlorobutadiene	15.255	225	130937	37.708	ug/l	96
95) Naphthalene	15.391	128	467301	43.180	ug/l	100
96) 1,2,3-Trichlorobenzene	15.585	180	227190	46.673	ug/l	99

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

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