

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050321\
 Data File : VD069054.D
 Acq On : 03 May 2021 21:09
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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MMDadoda
 5/4/2021 5:35:11 PM

Quant Time: May 04 04:21:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050321S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 04 03:51:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	188299	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	325466	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	326419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	158996	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	127854	53.76	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.52%			
35) Dibromofluoromethane	7.914	113	117749	54.71	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.42%			
50) Toluene-d8	10.338	98	440858	55.30	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.60%			
62) 4-Bromofluorobenzene	12.626	95	144735	53.78	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.56%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	105499	46.91	ug/l	100
3) Chloromethane	2.209	50	142107	50.54	ug/l	99
4) Vinyl Chloride	2.338	62	179767	51.20	ug/l	94
5) Bromomethane	2.756	94	109054	55.21	ug/l	96
6) Chloroethane	2.909	64	114236	54.62	ug/l	98
7) Trichlorofluoromethane	3.262	101	189570	47.93	ug/l	98
8) Diethyl Ether	3.709	74	51728	52.55	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.091	101	104580	48.56	ug/l	95
10) Methyl Iodide	4.291	142	92479	46.07	ug/l	90
11) Tert butyl alcohol	5.220	59	33101m	231.18	ug/l	
12) 1,1-Dichloroethene	4.062	96	94198	47.84	ug/l	84
13) Acrolein	3.920	56	35591	225.25	ug/l	96
14) Allyl chloride	4.709	41	127293	48.67	ug/l	93
15) Acrylonitrile	5.420	53	113381	258.26	ug/l	94
16) Acetone	4.156	43	89327	237.05	ug/l	88
17) Carbon Disulfide	4.403	76	323127	49.30	ug/l	100
18) Methyl Acetate	4.720	43	50853	51.32	ug/l	91
19) Methyl tert-butyl Ether	5.479	73	241952	52.88	ug/l	98
20) Methylene Chloride	4.962	84	129800	54.46	ug/l #	92
21) trans-1,2-Dichloroethene	5.467	96	123595	52.98	ug/l	95
22) Diisopropyl ether	6.361	45	307016	52.88	ug/l	91
23) Vinyl Acetate	6.303	43	893183	267.10	ug/l	97
24) 1,1-Dichloroethane	6.261	63	204503	51.12	ug/l	97
25) 2-Butanone	7.208	43	138110	260.16	ug/l #	86
26) 2,2-Dichloropropane	7.203	77	163279	44.53	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	129939	51.85	ug/l	93
28) Bromochloromethane	7.550	49	90129	53.90	ug/l	88
29) Tetrahydrofuran	7.567	42	87805	259.85	ug/l	91
30) Chloroform	7.708	83	233162	53.27	ug/l	96
31) Cyclohexane	7.985	56	157051	44.88	ug/l	90
32) 1,1,1-Trichloroethane	7.903	97	202237	50.60	ug/l	97
36) 1,1-Dichloropropene	8.108	75	163941	50.65	ug/l	99
37) Ethyl Acetate	7.291	43	64308	51.11	ug/l #	93
38) Carbon Tetrachloride	8.097	117	176980	50.94	ug/l	98
39) Methylcyclohexane	9.350	83	182007	49.41	ug/l	94
40) Benzene	8.350	78	476414	51.52	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	35542	49.08	ug/l	95
42) 1,2-Dichloroethane	8.420	62	151309	51.68	ug/l	94
43) Isopropyl Acetate	8.450	43	126367	51.90	ug/l	92
44) Trichloroethene	9.108	130	125681	52.29	ug/l	96
45) 1,2-Dichloropropane	9.385	63	121076	53.20	ug/l	91
46) Dibromomethane	9.473	93	72354	54.60	ug/l	95
47) Bromodichloromethane	9.661	83	184171	52.47	ug/l	98
48) Methyl methacrylate	9.455	41	60228	49.77	ug/l #	88
49) 1,4-Dioxane	9.467	88	15918	1015.45	ug/l	95
51) 4-Methyl-2-Pentanone	10.226	43	332545	267.23	ug/l	91
52) Toluene	10.402	92	315444	53.82	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	155147	50.19	ug/l	97
54) cis-1,3-Dichloropropene	10.091	75	180903	50.96	ug/l #	88
55) 1,1,2-Trichloroethane	10.797	97	94591	53.99	ug/l	96
56) Ethyl methacrylate	10.661	69	104975	54.26	ug/l #	83
57) 1,3-Dichloropropane	10.944	76	159738	52.84	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	298503	287.44	ug/l	97
59) 2-Hexanone	10.985	43	227560	269.62	ug/l	91
60) Dibromochloromethane	11.138	129	119492	52.74	ug/l	98
61) 1,2-Dibromoethane	11.244	107	90286	53.44	ug/l	98
64) Tetrachloroethene	10.873	164	103011	51.26	ug/l	97
65) Chlorobenzene	11.667	112	324625	49.35	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.738	131	128146	51.16	ug/l	99
67) Ethyl Benzene	11.744	91	591442	50.23	ug/l	98
68) m/p-Xylenes	11.849	106	458615	103.97	ug/l	98
69) o-Xylene	12.179	106	206833	51.74	ug/l	96
70) Styrene	12.191	104	378750	53.81	ug/l	97
71) Bromoform	12.355	173	67608	53.07	ug/l #	100
73) Isopropylbenzene	12.473	105	551328	50.08	ug/l	99
74) N-amyl acetate	12.285	43	123264	51.34	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.726	83	108528	51.08	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	67859m	44.71	ug/l	
77) Bromobenzene	12.755	156	129436	51.39	ug/l	93
78) n-propylbenzene	12.814	91	690618	51.31	ug/l	98
79) 2-Chlorotoluene	12.902	91	381009	50.71	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	481603	51.54	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.526	75	29896	46.63	ug/l	89
82) 4-Chlorotoluene	13.002	91	417642	51.50	ug/l	99
83) tert-Butylbenzene	13.220	119	391125	50.58	ug/l	97
84) 1,2,4-Trimethylbenzene	13.261	105	493313	52.01	ug/l	100
85) sec-Butylbenzene	13.396	105	551942	49.74	ug/l	100
86) p-Isopropyltoluene	13.508	119	519880	51.41	ug/l	96
87) 1,3-Dichlorobenzene	13.508	146	258254	50.45	ug/l	98
88) 1,4-Dichlorobenzene	13.590	146	255654	50.32	ug/l	98
89) n-Butylbenzene	13.838	91	481143	49.60	ug/l	97
90) Hexachloroethane	14.108	117	103680	50.48	ug/l	91
91) 1,2-Dichlorobenzene	13.885	146	228021	51.83	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	18559	51.62	ug/l	79
93) 1,2,4-Trichlorobenzene	15.155	180	128628	47.80	ug/l	96
94) Hexachlorobutadiene	15.261	225	73432	48.46	ug/l	97
95) Naphthalene	15.390	128	260498	51.42	ug/l	98
96) 1,2,3-Trichlorobenzene	15.585	180	115599	49.34	ug/l	95

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

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