

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030121\
 Data File : VD068471.D
 Acq On : 01 Mar 2021 10:23
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/2/2021 3:27:17 PM

Quant Time: Mar 01 20:44:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	367829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	607913	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	551507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	257288	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	179700	48.90	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.80%		
35) Dibromofluoromethane	7.914	113	191885	52.40	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	104.80%		
50) Toluene-d8	10.344	98	750179	51.43	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.86%		
62) 4-Bromofluorobenzene	12.632	95	246457	52.43	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	104.86%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	174025	48.75	ug/l	96
3) Chloromethane	2.209	50	207704	46.04	ug/l	94
4) Vinyl Chloride	2.350	62	260986	48.72	ug/l	99
5) Bromomethane	2.768	94	169552	44.45	ug/l	98
6) Chloroethane	2.926	64	159817	46.14	ug/l	97
7) Trichlorofluoromethane	3.274	101	298426	48.84	ug/l	97
8) Diethyl Ether	3.709	74	83305	45.79	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.097	101	185247	49.76	ug/l	95
10) Methyl Iodide	4.297	142	193368	43.78	ug/l	93
11) Tert butyl alcohol	5.226	59	44492	226.74	ug/l	99
12) 1,1-Dichloroethene	4.068	96	177619	48.08	ug/l	99
13) Acrolein	3.926	56	58582	208.89	ug/l	100
14) Allyl chloride	4.721	41	220546	46.24	ug/l	98
15) Acrylonitrile	5.420	53	170974	222.67	ug/l	99
16) Acetone	4.156	43	166409	285.06	ug/l	94
17) Carbon Disulfide	4.409	76	577973	47.76	ug/l	99
18) Methyl Acetate	4.715	43	67895	45.12	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	368966	46.07	ug/l #	89
20) Methylene Chloride	4.968	84	201653	45.85	ug/l	93
21) trans-1,2-Dichloroethene	5.473	96	205314	46.55	ug/l	94
22) Diisopropyl ether	6.367	45	483860	46.07	ug/l #	92
23) Vinyl Acetate	6.309	43	1252281	229.81	ug/l	100
24) 1,1-Dichloroethane	6.262	63	334421	46.45	ug/l	99
25) 2-Butanone	7.214	43	192478	229.37	ug/l	98
26) 2,2-Dichloropropane	7.209	77	302602	50.45	ug/l	98
27) cis-1,2-Dichloroethene	7.214	96	224261	46.31	ug/l	96
28) Bromochloromethane	7.550	49	137925	49.08	ug/l	83
29) Tetrahydrofuran	7.562	42	121552	223.08	ug/l	98
30) Chloroform	7.714	83	350993	46.17	ug/l	94
31) Cyclohexane	7.985	56	309719	46.34	ug/l	96
32) 1,1,1-Trichloroethane	7.903	97	312011	48.08	ug/l	97
36) 1,1-Dichloropropene	8.114	75	285498	49.41	ug/l	98
37) Ethyl Acetate	7.291	43	89447	46.65	ug/l	95
38) Carbon Tetrachloride	8.097	117	277245	51.06	ug/l	98
39) Methylcyclohexane	9.356	83	375652	52.71	ug/l	98
40) Benzene	8.356	78	801321	48.34	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	57524m	51.69	ug/l	
42) 1,2-Dichloroethane	8.426	62	200792	46.07	ug/l	99
43) Isopropyl Acetate	8.456	43	166878	47.36	ug/l	100
44) Trichloroethene	9.114	130	224992	49.45	ug/l	95
45) 1,2-Dichloropropane	9.391	63	191260	48.27	ug/l	100
46) Dibromomethane	9.479	93	100731	46.73	ug/l	95
47) Bromodichloromethane	9.667	83	267818	48.03	ug/l	99
48) Methyl methacrylate	9.456	41	85645	45.60	ug/l	93
49) 1,4-Dioxane	9.456	88	23996	976.07	ug/l	92
51) 4-Methyl-2-Pentanone	10.232	43	435529	236.20	ug/l	100
52) Toluene	10.403	92	522745	49.38	ug/l	96
53) t-1,3-Dichloropropene	10.620	75	250658	48.64	ug/l	100
54) cis-1,3-Dichloropropene	10.091	75	301239	47.91	ug/l	100
55) 1,1,2-Trichloroethane	10.803	97	141317	47.37	ug/l	94
56) Ethyl methacrylate	10.661	69	168938	49.27	ug/l	97
57) 1,3-Dichloropropane	10.950	76	243584	46.78	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.944	63	412660	239.87	ug/l	94
59) 2-Hexanone	10.985	43	312119	253.95	ug/l	98
60) Dibromochloromethane	11.144	129	176876	47.89	ug/l	100
61) 1,2-Dibromoethane	11.250	107	135675	46.47	ug/l	98
64) Tetrachloroethene	10.879	164	182318	50.62	ug/l	98
65) Chlorobenzene	11.673	112	543255	48.37	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.744	131	199418	51.08	ug/l	97
67) Ethyl Benzene	11.744	91	1008678	50.31	ug/l	98
68) m/p-Xylenes	11.855	106	770170	101.15	ug/l	100
69) o-Xylene	12.185	106	351393	50.11	ug/l	95
70) Styrene	12.197	104	603351	50.31	ug/l	99
71) Bromoform	12.361	173	99501	50.17	ug/l #	99
73) Isopropylbenzene	12.479	105	971275	50.90	ug/l	99
74) N-amyl acetate	12.291	43	159295	49.00	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	155044	47.23	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	111304m	48.73	ug/l	
77) Bromobenzene	12.761	156	208494	47.88	ug/l	90
78) n-propylbenzene	12.820	91	1162768	51.00	ug/l	99
79) 2-Chlorotoluene	12.908	91	622480	49.19	ug/l	99
80) 1,3,5-Trimethylbenzene	12.961	105	799190	51.10	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.526	75	50346	51.44	ug/l	95
82) 4-Chlorotoluene	13.002	91	652600	49.01	ug/l	99
83) tert-Butylbenzene	13.220	119	697857	52.41	ug/l	100
84) 1,2,4-Trimethylbenzene	13.267	105	793837	50.68	ug/l	97
85) sec-Butylbenzene	13.402	105	985155	52.37	ug/l	99
86) p-Isopropyltoluene	13.514	119	891985	52.24	ug/l	98
87) 1,3-Dichlorobenzene	13.514	146	421442	50.11	ug/l	100
88) 1,4-Dichlorobenzene	13.597	146	410162	49.22	ug/l	99
89) n-Butylbenzene	13.844	91	860636	52.25	ug/l	98
90) Hexachloroethane	14.108	117	186486	54.95	ug/l	93
91) 1,2-Dichlorobenzene	13.891	146	366230	50.77	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.502	75	25705	44.42	ug/l	97
93) 1,2,4-Trichlorobenzene	15.161	180	289994	52.04	ug/l	98
94) Hexachlorobutadiene	15.267	225	166766	53.92	ug/l	99
95) Naphthalene	15.396	128	513336	50.88	ug/l	99
96) 1,2,3-Trichlorobenzene	15.591	180	240329	49.82	ug/l	99

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

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