

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022621\
 Data File : VD068469.D
 Acq On : 26 Feb 2021 21:08
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/1/2021 10:05:41 AM

Quant Time: Feb 26 21:51:27 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	320400	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	566284	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	528686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	249062	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	159088	49.70	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.40%		
35) Dibromofluoromethane	7.920	113	167870	49.21	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.42%		
50) Toluene-d8	10.344	98	647759	47.67	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.34%		
62) 4-Bromofluorobenzene	12.632	95	214020	48.87	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.74%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	147498	47.44	ug/l	95
3) Chloromethane	2.209	50	194708	49.55	ug/l	100
4) Vinyl Chloride	2.350	62	225495	48.33	ug/l	98
5) Bromomethane	2.768	94	171391	51.59	ug/l	97
6) Chloroethane	2.926	64	149780	49.64	ug/l	99
7) Trichlorofluoromethane	3.273	101	263379	49.48	ug/l	99
8) Diethyl Ether	3.709	74	83276	52.55	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.097	101	158080	48.75	ug/l	94
10) Methyl Iodide	4.303	142	185274	47.90	ug/l	95
11) Tert butyl alcohol	5.220	59	42115	246.40	ug/l	98
12) 1,1-Dichloroethene	4.073	96	159938	49.70	ug/l	98
13) Acrolein	3.926	56	57510	235.42	ug/l	98
14) Allyl chloride	4.720	41	199103	47.93	ug/l	97
15) Acrylonitrile	5.426	53	168514	251.95	ug/l	99
16) Acetone	4.162	43	113492	223.19	ug/l	99
17) Carbon Disulfide	4.409	76	523362	49.65	ug/l	99
18) Methyl Acetate	4.720	43	65373	49.88	ug/l	96
19) Methyl tert-butyl Ether	5.485	73	363343	52.08	ug/l	94
20) Methylene Chloride	4.967	84	216703	57.62	ug/l	95
21) trans-1,2-Dichloroethene	5.473	96	193166	50.28	ug/l	97
22) Diisopropyl ether	6.367	45	459555	50.23	ug/l	97
23) Vinyl Acetate	6.309	43	1210997	255.13	ug/l	100
24) 1,1-Dichloroethane	6.267	63	318811	50.84	ug/l	99
25) 2-Butanone	7.214	43	178144	243.72	ug/l	94
26) 2,2-Dichloropropane	7.214	77	251529	48.15	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	221016	52.40	ug/l	97
28) Bromochloromethane	7.550	49	120072	49.05	ug/l	85
29) Tetrahydrofuran	7.567	42	119797	252.40	ug/l	99
30) Chloroform	7.714	83	343385	51.85	ug/l	98
31) Cyclohexane	7.985	56	263080	45.19	ug/l	98
32) 1,1,1-Trichloroethane	7.908	97	290281	51.35	ug/l	96
36) 1,1-Dichloropropene	8.114	75	258908	48.10	ug/l	98
37) Ethyl Acetate	7.297	43	86298	48.32	ug/l	98
38) Carbon Tetrachloride	8.097	117	248726	49.18	ug/l	97
39) Methylcyclohexane	9.355	83	319497	48.13	ug/l	99
40) Benzene	8.356	78	777549	50.36	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	47911	46.22	ug/l	93
42) 1,2-Dichloroethane	8.426	62	204996	50.49	ug/l	99
43) Isopropyl Acetate	8.456	43	164341	50.07	ug/l	98
44) Trichloroethene	9.114	130	212317	50.09	ug/l	97
45) 1,2-Dichloropropane	9.391	63	188000	50.93	ug/l	94
46) Dibromomethane	9.479	93	104399	51.99	ug/l	92
47) Bromodichloromethane	9.661	83	267338	51.47	ug/l	96
48) Methyl methacrylate	9.455	41	84648	48.38	ug/l	90
49) 1,4-Dioxane	9.467	88	23107	1009.01	ug/l	95
51) 4-Methyl-2-Pentanone	10.232	43	424822	247.33	ug/l	100
52) Toluene	10.402	92	496950	50.40	ug/l	95
53) t-1,3-Dichloropropene	10.620	75	246076	51.26	ug/l	97
54) cis-1,3-Dichloropropene	10.091	75	295284	50.41	ug/l	98
55) 1,1,2-Trichloroethane	10.802	97	141075	50.77	ug/l	93
56) Ethyl methacrylate	10.661	69	166018	51.97	ug/l	98
57) 1,3-Dichloropropane	10.950	76	242320	49.96	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.944	63	399483	249.28	ug/l	93
59) 2-Hexanone	10.985	43	288928	252.36	ug/l	99
60) Dibromochloromethane	11.138	129	179285	52.11	ug/l	98
61) 1,2-Dibromoethane	11.244	107	139021	51.12	ug/l	97
64) Tetrachloroethene	10.879	164	170251	49.31	ug/l	97
65) Chlorobenzene	11.673	112	537042	49.88	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.744	131	190960	51.02	ug/l	98
67) Ethyl Benzene	11.744	91	955637	49.72	ug/l	99
68) m/p-Xylenes	11.855	106	727850	99.72	ug/l	100
69) o-Xylene	12.179	106	341281	50.77	ug/l	93
70) Styrene	12.196	104	592095	51.50	ug/l	99
71) Bromoform	12.361	173	98370	51.74	ug/l #	96
73) Isopropylbenzene	12.479	105	900061	48.72	ug/l	99
74) N-amyl acetate	12.291	43	157475	50.04	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.732	83	152899	48.11	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	107162m	48.47	ug/l	
77) Bromobenzene	12.761	156	210055	49.83	ug/l	93
78) n-propylbenzene	12.820	91	1072801	48.60	ug/l	97
79) 2-Chlorotoluene	12.908	91	605894	49.46	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	753930	49.80	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.526	75	46895	49.49	ug/l	98
82) 4-Chlorotoluene	13.002	91	635432	49.30	ug/l	99
83) tert-Butylbenzene	13.220	119	623598	48.38	ug/l	98
84) 1,2,4-Trimethylbenzene	13.267	105	760267	50.14	ug/l	99
85) sec-Butylbenzene	13.396	105	889628	48.86	ug/l	98
86) p-Isopropyltoluene	13.514	119	817131	49.44	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	401488	49.31	ug/l	99
88) 1,4-Dichlorobenzene	13.591	146	398049	49.35	ug/l	99
89) n-Butylbenzene	13.838	91	765610	48.02	ug/l	98
90) Hexachloroethane	14.108	117	168850	51.40	ug/l	92
91) 1,2-Dichlorobenzene	13.885	146	352253	50.44	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	25762	45.99	ug/l	97
93) 1,2,4-Trichlorobenzene	15.155	180	271895	50.41	ug/l	98
94) Hexachlorobutadiene	15.261	225	146142	48.82	ug/l	98
95) Naphthalene	15.396	128	504408	51.65	ug/l	100
96) 1,2,3-Trichlorobenzene	15.590	180	235831	50.50	ug/l	98

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

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