

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030121\
 Data File : VD068483.D
 Acq On : 01 Mar 2021 17:10
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/2/2021 3:27:24 PM

Quant Time: Mar 01 20:48:36 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	7.985	168	305954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	526643	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.650	117	489190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	239485	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	150499	49.23	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.46%		
35) Dibromofluoromethane	7.920	113	164433	51.83	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.66%		
50) Toluene-d8	10.344	98	615523	48.71	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.42%		
62) 4-Bromofluorobenzene	12.632	95	201036	49.36	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.72%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	137890	46.44	ug/l	95
3) Chloromethane	2.209	50	174795	46.58	ug/l	95
4) Vinyl Chloride	2.350	62	208187	46.73	ug/l	99
5) Bromomethane	2.768	94	143770	45.32	ug/l	99
6) Chloroethane	2.926	64	135702	47.10	ug/l	96
7) Trichlorofluoromethane	3.273	101	248174	48.83	ug/l	97
8) Diethyl Ether	3.715	74	79685	52.66	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.097	101	153966	49.72	ug/l	95
10) Methyl Iodide	4.309	142	171240	46.44	ug/l	95
11) Tert butyl alcohol	5.220	59	38098	233.42	ug/l #	92
12) 1,1-Dichloroethene	4.073	96	149430	48.63	ug/l	98
13) Acrolein	3.926	56	54055	231.73	ug/l	99
14) Allyl chloride	4.720	41	188742	47.58	ug/l	98
15) Acrylonitrile	5.426	53	162075	253.76	ug/l	99
16) Acetone	4.156	43	116289	239.49	ug/l #	88
17) Carbon Disulfide	4.415	76	479310	47.61	ug/l	99
18) Methyl Acetate	4.720	43	62669	50.07	ug/l	97
19) Methyl tert-butyl Ether	5.485	73	343070	51.50	ug/l	97
20) Methylene Chloride	4.973	84	194849	53.99	ug/l	94
21) trans-1,2-Dichloroethene	5.479	96	180428	49.18	ug/l	97
22) Diisopropyl ether	6.367	45	427771	48.96	ug/l	93
23) Vinyl Acetate	6.309	43	1162803	256.54	ug/l	100
24) 1,1-Dichloroethane	6.273	63	293745	49.05	ug/l	99
25) 2-Butanone	7.214	43	174175	249.54	ug/l	96
26) 2,2-Dichloropropane	7.209	77	244236	48.96	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	204605	50.80	ug/l	99
28) Bromochloromethane	7.550	49	117171	50.13	ug/l	83
29) Tetrahydrofuran	7.561	42	115028	253.80	ug/l	97
30) Chloroform	7.714	83	314841	49.78	ug/l	97
31) Cyclohexane	7.985	56	254441	45.77	ug/l	95
32) 1,1,1-Trichloroethane	7.909	97	263814	48.87	ug/l	95
36) 1,1-Dichloropropene	8.120	75	240878	48.12	ug/l	97
37) Ethyl Acetate	7.297	43	81643	49.15	ug/l	97
38) Carbon Tetrachloride	8.103	117	231059	49.12	ug/l	98
39) Methylcyclohexane	9.356	83	307631	49.83	ug/l	98
40) Benzene	8.356	78	711716	49.56	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	44797	46.46	ug/l	90
42) 1,2-Dichloroethane	8.426	62	187856	49.75	ug/l	100
43) Isopropyl Acetate	8.456	43	156613	51.30	ug/l	99
44) Trichloroethene	9.120	130	195055	49.49	ug/l	93
45) 1,2-Dichloropropane	9.391	63	170484	49.66	ug/l	96
46) Dibromomethane	9.479	93	94323	50.51	ug/l	97
47) Bromodichloromethane	9.661	83	244972	50.71	ug/l	100
48) Methyl methacrylate	9.461	41	82024	50.41	ug/l	92
49) 1,4-Dioxane	9.461	88	22888	1074.67	ug/l	96
51) 4-Methyl-2-Pentanone	10.232	43	402159	251.76	ug/l	100
52) Toluene	10.408	92	470586	51.32	ug/l	95
53) t-1,3-Dichloropropene	10.620	75	228963	51.28	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	276217	50.71	ug/l	96
55) 1,1,2-Trichloroethane	10.803	97	134758	52.14	ug/l	97
56) Ethyl methacrylate	10.661	69	154297	51.94	ug/l	94
57) 1,3-Dichloropropane	10.950	76	226162	50.14	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.944	63	378191	253.76	ug/l	93
59) 2-Hexanone	10.985	43	275362	258.62	ug/l	100
60) Dibromochloromethane	11.144	129	166791	52.13	ug/l	99
61) 1,2-Dibromoethane	11.250	107	129324	51.14	ug/l	99
64) Tetrachloroethene	10.879	164	161571	50.58	ug/l	97
65) Chlorobenzene	11.673	112	493758	49.56	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.744	131	180379	52.09	ug/l	98
67) Ethyl Benzene	11.744	91	889815	50.04	ug/l	97
68) m/p-Xylenes	11.855	106	675985	100.09	ug/l	100
69) o-Xylene	12.179	106	315319	50.69	ug/l	97
70) Styrene	12.197	104	547079	51.43	ug/l	99
71) Bromoform	12.361	173	92860	52.78	ug/l #	100
73) Isopropylbenzene	12.479	105	846971	47.68	ug/l	99
74) N-amyl acetate	12.291	43	147002	48.58	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.732	83	145110	47.49	ug/l	100
76) 1,2,3-Trichloropropane	12.779	75	104358m	49.09	ug/l	
77) Bromobenzene	12.761	156	195912	48.33	ug/l	92
78) n-propylbenzene	12.820	91	1012765	47.72	ug/l	98
79) 2-Chlorotoluene	12.908	91	558494	47.41	ug/l	100
80) 1,3,5-Trimethylbenzene	12.961	105	708575	48.67	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.526	75	45158	49.57	ug/l	96
82) 4-Chlorotoluene	13.002	91	593318	47.87	ug/l	99
83) tert-Butylbenzene	13.220	119	609878	49.20	ug/l	98
84) 1,2,4-Trimethylbenzene	13.267	105	710091	48.70	ug/l	97
85) sec-Butylbenzene	13.402	105	842100	48.10	ug/l	98
86) p-Isopropyltoluene	13.514	119	769469	48.41	ug/l	98
87) 1,3-Dichlorobenzene	13.514	146	383565	48.99	ug/l	99
88) 1,4-Dichlorobenzene	13.596	146	380386	49.04	ug/l	99
89) n-Butylbenzene	13.838	91	768332	50.12	ug/l	98
90) Hexachloroethane	14.108	117	160927	50.95	ug/l	94
91) 1,2-Dichlorobenzene	13.891	146	356631	53.11	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.508	75	24675	45.81	ug/l	92
93) 1,2,4-Trichlorobenzene	15.161	180	259059	49.95	ug/l	98
94) Hexachlorobutadiene	15.267	225	143162	49.73	ug/l	99
95) Naphthalene	15.396	128	472692	50.33	ug/l	100
96) 1,2,3-Trichlorobenzene	15.590	180	222085	49.46	ug/l	98

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

