

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100920\
 Data File : VD067223.D
 Acq On : 09 Oct 2020 20:29
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 10/12/2020 10:42:35 AM

Quant Time: Oct 10 01:12:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	423959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	662109	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	602891	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	291235	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	198198	48.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.08%	
35) Dibromofluoromethane	7.91	113	231243	53.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.70%	
50) Toluene-d8	10.34	98	803487	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.64	95	283283	52.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.66%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	171554	50.294	ug/l	100
3) Chloromethane	2.21	50	144480	42.792	ug/l	100
4) Vinyl Chloride	2.35	62	148150	43.761	ug/l	97
5) Bromomethane	2.77	94	120577	55.754	ug/l	96
6) Chloroethane	2.93	64	99740	48.377	ug/l	100
7) Trichlorofluoromethane	3.27	101	331738	44.105	ug/l	97
8) Diethyl Ether	3.71	74	91826	49.231	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.10	101	197239	46.395	ug/l	97
10) Methyl Iodide	4.30	142	198608	48.079	ug/l	99
11) Tert butyl alcohol	5.22	59	56062	230.455	ug/l	96
12) 1,1-Dichloroethene	4.07	96	184518	46.170	ug/l	99
13) Acrolein	3.92	56	62803	229.683	ug/l	99
14) Allyl chloride	4.71	41	238647	45.965	ug/l	96
15) Acrylonitrile	5.43	53	165563	241.178	ug/l	97
16) Acetone	4.15	43	133913	214.825	ug/l	97
17) Carbon Disulfide	4.41	76	538344	43.892	ug/l	100
18) Methyl Acetate	4.71	43	77922	49.736	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	376164	51.559	ug/l	98
20) Methylene Chloride	4.96	84	228239	51.869	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	219369	48.232	ug/l	93
22) Diisopropyl ether	6.37	45	462174	48.760	ug/l	96
23) Vinyl Acetate	6.30	43	1306652	243.274	ug/l	99
24) 1,1-Dichloroethane	6.27	63	351308	48.026	ug/l	99
25) 2-Butanone	7.21	43	196046	221.828	ug/l	99
26) 2,2-Dichloropropane	7.21	77	308518	49.262	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	240782	49.569	ug/l	98
28) Bromochloromethane	7.55	49	138366	48.980	ug/l	89
29) Tetrahydrofuran	7.57	42	118007	232.222	ug/l	95
30) Chloroform	7.71	83	394483	49.713	ug/l	99
31) Cyclohexane	7.98	56	254133	41.439	ug/l	93
32) 1,1,1-Trichloroethane	7.90	97	363913	49.484	ug/l	96
36) 1,1-Dichloropropene	8.11	75	283375	45.916	ug/l	98
37) Ethyl Acetate	7.30	43	96518	45.144	ug/l	99
38) Carbon Tetrachloride	8.10	117	329077	49.281	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	309070	47.368	ug/l	96
40) Benzene	8.36	78	831380	48.500	ug/l	100
41) Methacrylonitrile	7.53	41	54039m	46.785	ug/l	
42) 1,2-Dichloroethane	8.43	62	232942	48.631	ug/l	99
43) Isopropyl Acetate	8.45	43	186418	47.330	ug/l	99
44) Trichloroethene	9.11	130	251636	49.160	ug/l	98
45) 1,2-Dichloropropane	9.39	63	196339	48.747	ug/l	96
46) Dibromomethane	9.48	93	114105	49.291	ug/l	94
47) Bromodichloromethane	9.66	83	303783	50.483	ug/l	98
48) Methyl methacrylate	9.46	41	89251	44.231	ug/l #	80
49) 1,4-Dioxane	9.47	88	21998	910.497	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	465906	237.484	ug/l	98
52) Toluene	10.41	92	557558	50.493	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	270393	50.277	ug/l	94
54) cis-1,3-Dichloropropene	10.09	75	326865	49.772	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	158533	49.258	ug/l	96
56) Ethyl methacrylate	10.66	69	178686	53.775	ug/l	97
57) 1,3-Dichloropropane	10.95	76	259527	49.727	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	499506	270.084	ug/l	99
59) 2-Hexanone	10.98	43	314306	240.035	ug/l	97
60) Dibromochloromethane	11.14	129	220946	51.507	ug/l	96
61) 1,2-Dibromoethane	11.25	107	156420	50.588	ug/l	97
64) Tetrachloroethene	10.88	164	212488	48.480	ug/l	96
65) Chlorobenzene	11.67	112	606989	50.622	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	238635	52.320	ug/l	99
67) Ethyl Benzene	11.75	91	1067325	51.951	ug/l	98
68) m/p-Xylenes	11.86	106	810035	101.170	ug/l	97
69) o-Xylene	12.18	106	371087	51.828	ug/l	95
70) Styrene	12.20	104	648914	52.780	ug/l	100
71) Bromoform	12.37	173	123056	51.975	ug/l #	97
73) Isopropylbenzene	12.48	105	1023551	51.759	ug/l	100
74) N-amyl acetate	12.29	43	166078	46.718	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	157701	47.331	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	115023m	45.343	ug/l	
77) Bromobenzene	12.77	156	249626	52.278	ug/l	95
78) n-propylbenzene	12.83	91	1175556	50.300	ug/l	99
79) 2-Chlorotoluene	12.91	91	679397	50.809	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	872707	52.234	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	51780	50.889	ug/l	93
82) 4-Chlorotoluene	13.01	91	714328	50.210	ug/l	100
83) tert-Butylbenzene	13.23	119	747222	53.109	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	870092	52.183	ug/l	100
85) sec-Butylbenzene	13.41	105	1005097	50.728	ug/l	100
86) p-Isopropyltoluene	13.52	119	936846	51.001	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	459891	49.446	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	461647	49.640	ug/l	99
89) n-Butylbenzene	13.85	91	842178	50.166	ug/l	99
90) Hexachloroethane	14.12	117	158964	49.403	ug/l	94
91) 1,2-Dichlorobenzene	13.90	146	412362	50.766	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	24513	45.641	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	278715	53.047	ug/l	99
94) Hexachlorobutadiene	15.28	225	165051	51.151	ug/l	99
95) Naphthalene	15.41	128	466321	53.211	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	236233	51.794	ug/l	97

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

