

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091420\
 Data File : VD066665.D
 Acq On : 14 Sep 2020 11:31
 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
 9/15/2020 2:27:46 PM

Quant Time: Sep 15 01:33:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	401920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	638840	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	561739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	268100	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	224249	46.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.22%	
35) Dibromofluoromethane	7.91	113	217224	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
50) Toluene-d8	10.34	98	802592	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
62) 4-Bromofluorobenzene	12.63	95	259446	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	166665	50.235	ug/l	91
3) Chloromethane	2.21	50	204799	40.292	ug/l	97
4) Vinyl Chloride	2.35	62	221105	39.220	ug/l	99
5) Bromomethane	2.77	94	153561	42.394	ug/l	89
6) Chloroethane	2.93	64	137608	38.430	ug/l	100
7) Trichlorofluoromethane	3.27	101	396464	47.606	ug/l	93
8) Diethyl Ether	3.71	74	100041	47.704	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	225149	49.953	ug/l	98
10) Methyl Iodide	4.30	142	214028	51.893	ug/l	98
11) Tert butyl alcohol	5.22	59	71678	232.473	ug/l	98
12) 1,1-Dichloroethene	4.06	96	202679	50.052	ug/l	92
13) Acrolein	3.92	56	48032	241.568	ug/l	96
14) Allyl chloride	4.71	41	328742	49.536	ug/l	98
15) Acrylonitrile	5.42	53	224564	249.273	ug/l	99
16) Acetone	4.16	43	265677	296.929	ug/l	98
17) Carbon Disulfide	4.41	76	618815	46.485	ug/l	98
18) Methyl Acetate	4.71	43	101895	47.773	ug/l	95
19) Methyl tert-butyl Ether	5.48	73	484042	50.974	ug/l	97
20) Methylene Chloride	4.97	84	236423	48.254	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	240873	50.092	ug/l	97
22) Diisopropyl ether	6.36	45	680729	49.880	ug/l	98
23) Vinyl Acetate	6.30	43	1967285	253.312	ug/l	98
24) 1,1-Dichloroethane	6.26	63	422610	49.243	ug/l	98
25) 2-Butanone	7.21	43	309977	258.077	ug/l	97
26) 2,2-Dichloropropane	7.20	77	397279	50.466	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	265184	51.282	ug/l	97
28) Bromochloromethane	7.55	49	156640	47.408	ug/l	96
29) Tetrahydrofuran	7.56	42	179773	240.326	ug/l	98
30) Chloroform	7.71	83	444846	48.995	ug/l	96
31) Cyclohexane	7.98	56	373088	47.028	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	418237	48.995	ug/l	98
36) 1,1-Dichloropropene	8.11	75	345219	51.925	ug/l	99
37) Ethyl Acetate	7.29	43	129120	48.773	ug/l	99
38) Carbon Tetrachloride	8.09	117	376926	53.638	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	409229	55.123	ug/l	97
40) Benzene	8.35	78	926046	50.858	ug/l	99
41) Methacrylonitrile	7.53	41	72195m	56.337	ug/l	
42) 1,2-Dichloroethane	8.42	62	283483	48.051	ug/l	99
43) Isopropyl Acetate	8.45	43	250890	49.452	ug/l	98
44) Trichloroethene	9.11	130	254548	53.295	ug/l	94
45) 1,2-Dichloropropane	9.38	63	230010	50.231	ug/l	94
46) Dibromomethane	9.47	93	124701	49.361	ug/l	97
47) Bromodichloromethane	9.66	83	343790	50.298	ug/l	97
48) Methyl methacrylate	9.45	41	133779	52.148	ug/l	98
49) 1,4-Dioxane	9.45	88	27179	980.630	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	660191	258.024	ug/l	100
52) Toluene	10.40	92	601490	52.185	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	317393	52.603	ug/l	94
54) cis-1,3-Dichloropropene	10.08	75	377439	52.090	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	168353	51.829	ug/l	94
56) Ethyl methacrylate	10.66	69	205113	54.233	ug/l	97
57) 1,3-Dichloropropane	10.94	76	289124	50.817	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	426214	246.382	ug/l	98
59) 2-Hexanone	10.98	43	468434	272.244	ug/l	98
60) Dibromochloromethane	11.14	129	221793	51.636	ug/l	98
61) 1,2-Dibromoethane	11.24	107	160810	50.887	ug/l	99
64) Tetrachloroethene	10.87	164	202527	53.547	ug/l	92
65) Chlorobenzene	11.67	112	611787	52.768	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	228604	51.664	ug/l	96
67) Ethyl Benzene	11.74	91	1151677	54.099	ug/l	98
68) m/p-Xylenes	11.85	106	883675	111.794	ug/l	98
69) o-Xylene	12.18	106	393997	55.618	ug/l	99
70) Styrene	12.20	104	684386	55.571	ug/l	100
71) Bromoform	12.36	173	116375	52.187	ug/l #	98
73) Isopropylbenzene	12.48	105	1099607	55.396	ug/l	98
74) N-amyl acetate	12.29	43	232741	51.769	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	176994	50.472	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	109530m	42.480	ug/l	
77) Bromobenzene	12.76	156	239037	54.015	ug/l	97
78) n-propylbenzene	12.82	91	1330061	55.274	ug/l	99
79) 2-Chlorotoluene	12.91	91	720520	53.375	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	913752	54.693	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	59924	54.259	ug/l	94
82) 4-Chlorotoluene	13.00	91	781307	54.123	ug/l	100
83) tert-Butylbenzene	13.23	119	774722	56.785	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	909852	54.699	ug/l	99
85) sec-Butylbenzene	13.40	105	1104089	56.170	ug/l	100
86) p-Isopropyltoluene	13.52	119	1002730	56.678	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	459197	52.267	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	456439	51.762	ug/l	98
89) n-Butylbenzene	13.84	91	959608	55.661	ug/l	99
90) Hexachloroethane	14.11	117	195540	51.296	ug/l	92
91) 1,2-Dichlorobenzene	13.89	146	395074	51.448	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	28440	47.741	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	259105	56.222	ug/l	97
94) Hexachlorobutadiene	15.27	225	150229	54.259	ug/l	96
95) Naphthalene	15.41	128	460095	57.131	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	223881	56.980	ug/l	98

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

