

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112520\
 Data File : VD067781.D
 Acq On : 25 Nov 2020 12:21
 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
 11/30/2020 9:58:56 AM

Quant Time: Nov 26 01:55:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	255496	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	371157	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	333497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	170673	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	127551	51.34	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.68%
35) Dibromofluoromethane	7.91	113	119061	50.41	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.82%
50) Toluene-d8	10.34	98	431447	49.96	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.92%
62) 4-Bromofluorobenzene	12.64	95	148763	50.40	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.80%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	112926	50.789	ug/l	96
3) Chloromethane	2.21	50	60811	49.128	ug/l	95
4) Vinyl Chloride	2.35	62	74549	48.063	ug/l	99
5) Bromomethane	2.77	94	67361	50.973	ug/l	95
6) Chloroethane	2.93	64	49627	48.006	ug/l	100
7) Trichlorofluoromethane	3.27	101	229590	48.506	ug/l	100
8) Diethyl Ether	3.70	74	43964	46.005	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.10	101	109245	48.199	ug/l	99
10) Methyl Iodide	4.30	142	116074	50.034	ug/l	99
11) Tert butyl alcohol	5.21	59	27498	202.729	ug/l #	83
12) 1,1-Dichloroethene	4.07	96	101208	48.257	ug/l	97
13) Acrolein	3.91	56	21400	207.829	ug/l	94
14) Allyl chloride	4.71	41	95899	47.303	ug/l	95
15) Acrylonitrile	5.43	53	76747	230.584	ug/l	94
16) Acetone	4.15	43	83386	259.826	ug/l	90
17) Carbon Disulfide	4.41	76	289282	47.690	ug/l	99
18) Methyl Acetate	4.71	43	27394	42.428	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	213884	47.718	ug/l	100
20) Methylene Chloride	4.97	84	108688	43.858	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	114671	48.093	ug/l	91
22) Diisopropyl ether	6.36	45	196412	49.080	ug/l	95
23) Vinyl Acetate	6.30	43	566793	251.082	ug/l	96
24) 1,1-Dichloroethane	6.27	63	167158	49.268	ug/l	98
25) 2-Butanone	7.21	43	84770	235.387	ug/l	99
26) 2,2-Dichloropropane	7.20	77	192936	48.202	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	123298	48.514	ug/l	99
28) Bromochloromethane	7.55	49	55537	51.101	ug/l	100
29) Tetrahydrofuran	7.56	42	48166	235.236	ug/l	95
30) Chloroform	7.71	83	217034	48.918	ug/l	94
31) Cyclohexane	7.99	56	136107	45.281	ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	229098	48.757	ug/l	100
36) 1,1-Dichloropropene	8.11	75	152120	47.762	ug/l	99
37) Ethyl Acetate	7.29	43	34057	39.767	ug/l	96
38) Carbon Tetrachloride	8.10	117	229988	49.816	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	185991	49.346	ug/l	96
40) Benzene	8.36	78	426479	48.755	ug/l	98
41) Methacrylonitrile	7.53	41	18364m	41.993	ug/l	
42) 1,2-Dichloroethane	8.43	62	145142	48.902	ug/l	100
43) Isopropyl Acetate	8.46	43	76485	44.721	ug/l #	79
44) Trichloroethene	9.11	130	139836	48.234	ug/l	99
45) 1,2-Dichloropropane	9.39	63	85244	47.493	ug/l	93
46) Dibromomethane	9.48	93	59479	48.675	ug/l	97
47) Bromodichloromethane	9.67	83	170224	50.025	ug/l	98
48) Methyl methacrylate	9.46	41	38491	45.017	ug/l	96
49) 1,4-Dioxane	9.47	88	12092	913.105	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	186045	231.177	ug/l	98
52) Toluene	10.41	92	294443	49.619	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	141353	47.548	ug/l	94
54) cis-1,3-Dichloropropene	10.09	75	162369	48.261	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	77661	47.366	ug/l	99
56) Ethyl methacrylate	10.66	69	80006	47.132	ug/l	98
57) 1,3-Dichloropropane	10.95	76	122562	47.410	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	206734	260.649	ug/l	100
59) 2-Hexanone	10.98	43	135222	237.986	ug/l	99
60) Dibromochloromethane	11.14	129	121511	48.634	ug/l	99
61) 1,2-Dibromoethane	11.25	107	77205	47.790	ug/l	97
64) Tetrachloroethene	10.88	164	124938	48.268	ug/l	91
65) Chlorobenzene	11.67	112	326772	49.854	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	133494	50.349	ug/l	98
67) Ethyl Benzene	11.75	91	570387	50.407	ug/l	99
68) m/p-Xylenes	11.86	106	443452	100.705	ug/l	99
69) o-Xylene	12.18	106	203068	50.649	ug/l	100
70) Styrene	12.20	104	351210	51.428	ug/l	98
71) Bromoform	12.36	173	67736	47.061	ug/l #	97
73) Isopropylbenzene	12.48	105	573653	51.084	ug/l	100
74) N-amyl acetate	12.29	43	67346	45.477	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	71189	47.237	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	54861m	46.121	ug/l	
77) Bromobenzene	12.77	156	139661	49.683	ug/l	99
78) n-propylbenzene	12.82	91	636355	50.935	ug/l	99
79) 2-Chlorotoluene	12.91	91	368163	49.773	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	499736	51.165	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	24164	47.514	ug/l	94
82) 4-Chlorotoluene	13.01	91	398917	50.613	ug/l	100
83) tert-Butylbenzene	13.23	119	419210	49.948	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	489393	50.159	ug/l	100
85) sec-Butylbenzene	13.40	105	556922	50.510	ug/l	98
86) p-Isopropyltoluene	13.52	119	547016	51.221	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	263058	48.353	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	260462	48.331	ug/l	99
89) n-Butylbenzene	13.84	91	463332	50.628	ug/l	100
90) Hexachloroethane	14.11	117	98158	48.282	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	226564	48.343	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	14133	43.497	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	159412	48.040	ug/l	98
94) Hexachlorobutadiene	15.27	225	107463	50.686	ug/l	98
95) Naphthalene	15.40	128	259848	48.385	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	137468	48.634	ug/l	100

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

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