

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112320\
 Data File : VD067746.D
 Acq On : 23 Nov 2020 15:26
 Operator : VA/SY
 Sample : VD1123SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1123SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/24/2020 2:56:41 PM

Quant Time: Nov 24 01:07:30 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	7.98	168	286965	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	417651	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	389210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	196080	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	140297	50.28	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.56%
35) Dibromofluoromethane	7.91	113	133968	50.40	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.80%
50) Toluene-d8	10.34	98	489417	50.36	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.72%
62) 4-Bromofluorobenzene	12.64	95	168504	50.73	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.46%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.99	85	45235	18.114	ug/l 95
3) Chloromethane	2.21	50	29434	21.171	ug/l 97
4) Vinyl Chloride	2.34	62	34918	20.043	ug/l 100
5) Bromomethane	2.76	94	29633	19.965	ug/l 99
6) Chloroethane	2.92	64	23178	19.962	ug/l 94
7) Trichlorofluoromethane	3.27	101	104785	19.711	ug/l 97
8) Diethyl Ether	3.71	74	21445	19.980	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	51331	20.164	ug/l 98
10) Methyl Iodide	4.30	142	48918	18.774	ug/l 99
11) Tert butyl alcohol	5.22	59	16985	88.874	ug/l # 95
12) 1,1-Dichloroethene	4.07	96	46378	19.689	ug/l 99
13) Acrolein	3.92	56	11295	97.664	ug/l 99
14) Allyl chloride	4.71	41	46763	20.537	ug/l 98
15) Acrylonitrile	5.43	53	36730	98.253	ug/l 95
16) Acetone	4.16	43	34771	96.463	ug/l 95
17) Carbon Disulfide	4.41	76	136952	20.101	ug/l 99
18) Methyl Acetate	4.71	43	15419	21.262	ug/l 91
19) Methyl tert-butyl Ether	5.48	73	101334	20.129	ug/l 99
20) Methylene Chloride	4.97	84	59491	17.033	ug/l 97
21) trans-1,2-Dichloroethene	5.47	96	52558	19.625	ug/l 97
22) Diisopropyl ether	6.37	45	94283	20.976	ug/l 93
23) Vinyl Acetate	6.31	43	263693	104.003	ug/l 99
24) 1,1-Dichloroethane	6.26	63	79131	20.765	ug/l 96
25) 2-Butanone	7.21	43	39778	98.342	ug/l 91
26) 2,2-Dichloropropane	7.21	77	88702	19.731	ug/l 99
27) cis-1,2-Dichloroethene	7.21	96	57668	20.202	ug/l 99
28) Bromochloromethane	7.56	49	24121	19.761	ug/l # 98
29) Tetrahydrofuran	7.56	42	25055	108.946	ug/l 96
30) Chloroform	7.71	83	97075	19.480	ug/l 97
31) Cyclohexane	7.98	56	66937	19.827	ug/l 97
32) 1,1,1-Trichloroethane	7.90	97	101633	19.258	ug/l 98
36) 1,1-Dichloropropene	8.11	75	71066	19.829	ug/l 99
37) Ethyl Acetate	7.30	43	19975	20.728	ug/l 96
38) Carbon Tetrachloride	8.10	117	102611	19.752	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	82620	19.480	ug/l	98
40) Benzene	8.36	78	193673	19.676	ug/l	94
41) Methacrylonitrile	7.54	41	12142m	24.674	ug/l	
42) 1,2-Dichloroethane	8.43	62	66075	19.784	ug/l	100
43) Isopropyl Acetate	8.46	43	38653	20.085	ug/l	100
44) Trichloroethene	9.11	130	64594	19.800	ug/l	95
45) 1,2-Dichloropropane	9.39	63	40461	20.033	ug/l #	76
46) Dibromomethane	9.48	93	26743	19.449	ug/l	96
47) Bromodichloromethane	9.66	83	76456	19.968	ug/l	92
48) Methyl methacrylate	9.46	41	18972	19.719	ug/l	95
49) 1,4-Dioxane	9.46	88	6355	426.464	ug/l	92
51) 4-Methyl-2-Pentanone	10.23	43	90542	99.982	ug/l	99
52) Toluene	10.41	92	133185	19.946	ug/l	97
53) t-1,3-Dichloropropene	10.63	75	64396	19.250	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	75682	19.991	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	36652	19.866	ug/l	98
56) Ethyl methacrylate	10.66	69	38480	20.145	ug/l	97
57) 1,3-Dichloropropane	10.95	76	58109	19.976	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	79026	88.544	ug/l	98
59) 2-Hexanone	10.98	43	64643	101.104	ug/l	96
60) Dibromochloromethane	11.14	129	56597	20.131	ug/l	99
61) 1,2-Dibromoethane	11.25	107	36513	20.085	ug/l	100
64) Tetrachloroethene	10.88	164	58939	19.511	ug/l	96
65) Chlorobenzene	11.67	112	149457	19.538	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	61094	19.744	ug/l	99
67) Ethyl Benzene	11.75	91	258981	19.611	ug/l	97
68) m/p-Xylenes	11.86	106	205736	40.034	ug/l	100
69) o-Xylene	12.18	106	92775	19.828	ug/l	98
70) Styrene	12.20	104	159162	19.970	ug/l	99
71) Bromoform	12.37	173	32360	19.264	ug/l #	98
73) Isopropylbenzene	12.48	105	263476	20.422	ug/l	100
74) N-amyl acetate	12.29	43	34788	20.448	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	34769	20.081	ug/l	96
76) 1,2,3-Trichloropropane	12.78	75	32866m	24.050	ug/l	
77) Bromobenzene	12.76	156	64327	19.919	ug/l	98
78) n-propylbenzene	12.83	91	296825	20.680	ug/l	99
79) 2-Chlorotoluene	12.91	91	164622	19.372	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	228602	20.373	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.53	75	11032	18.881	ug/l	93
82) 4-Chlorotoluene	13.01	91	186615	20.609	ug/l	98
83) tert-Butylbenzene	13.23	119	186804	19.373	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	228477	20.383	ug/l	97
85) sec-Butylbenzene	13.40	105	254866	20.120	ug/l	99
86) p-Isopropyltoluene	13.52	119	243408	19.839	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	125875	20.139	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	124088	20.042	ug/l	97
89) n-Butylbenzene	13.84	91	207116	19.699	ug/l	98
90) Hexachloroethane	14.11	117	45493	19.478	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	107505	19.967	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.50	75	6966	18.661	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	75456	19.793	ug/l	100
94) Hexachlorobutadiene	15.27	225	47019	19.303	ug/l	98
95) Naphthalene	15.40	128	119074	19.299	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	63480	19.548	ug/l	99

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

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