

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD113020\
 Data File : VD067807.D
 Acq On : 30 Nov 2020 11:34
 Operator : VA/SY
 Sample : VD1130SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1130SBS01

Manual Integrations
 APPROVED

MMDadoda
 12/1/2020 12:43:43 PM

Quant Time: Nov 30 13:27:05 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	235148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	332616	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	300342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	153612	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	119273	52.17	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.34%
35) Dibromofluoromethane	7.91	113	109112	51.55	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.10%
50) Toluene-d8	10.34	98	407839	52.70	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.40%
62) 4-Bromofluorobenzene	12.64	95	141073	53.33	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.66%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	40403	19.744	ug/l	95
3) Chloromethane	2.21	50	23714	20.816	ug/l	96
4) Vinyl Chloride	2.35	62	28517	19.976	ug/l	98
5) Bromomethane	2.76	94	26715	21.965	ug/l	97
6) Chloroethane	2.92	64	19747	20.755	ug/l	91
7) Trichlorofluoromethane	3.27	101	91896	21.095	ug/l	96
8) Diethyl Ether	3.71	74	17459	19.851	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	4.09	101	42856	20.544	ug/l	97
10) Methyl Iodide	4.30	142	44705	20.938	ug/l	98
11) Tert butyl alcohol	5.19	59	15139m	101.078	ug/l	
12) 1,1-Dichloroethene	4.07	96	37445	19.399	ug/l	96
13) Acrolein	3.92	56	8889	93.797	ug/l	85
14) Allyl chloride	4.72	41	35760	19.165	ug/l	87
15) Acrylonitrile	5.42	53	28153	91.904	ug/l	99
16) Acetone	4.16	43	29106	98.541	ug/l #	84
17) Carbon Disulfide	4.41	76	110537	19.800	ug/l	100
18) Methyl Acetate	4.71	43	10834	18.232	ug/l	95
19) Methyl tert-butyl Ether	5.47	73	79722	19.325	ug/l	98
20) Methylene Chloride	4.97	84	50175	17.779	ug/l	94
21) trans-1,2-Dichloroethene	5.48	96	44572	20.311	ug/l	91
22) Diisopropyl ether	6.37	45	74719	20.287	ug/l	93
23) Vinyl Acetate	6.31	43	197534	95.077	ug/l	98
24) 1,1-Dichloroethane	6.27	63	63919	20.470	ug/l	96
25) 2-Butanone	7.21	43	30042	90.638	ug/l	93
26) 2,2-Dichloropropane	7.20	77	78245	21.240	ug/l	96
27) cis-1,2-Dichloroethene	7.21	96	47620	20.358	ug/l	98
28) Bromochloromethane	7.56	49	18955	18.950	ug/l	98
29) Tetrahydrofuran	7.57	42	17472	92.715	ug/l	92
30) Chloroform	7.71	83	87681	21.473	ug/l	92
31) Cyclohexane	7.98	56	53193	19.228	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	90244	20.868	ug/l	99
36) 1,1-Dichloropropene	8.11	75	60265	21.114	ug/l	98
37) Ethyl Acetate	7.29	43	13342	17.384	ug/l #	78
38) Carbon Tetrachloride	8.10	117	90588	21.895	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	68904	20.399	ug/l	98
40) Benzene	8.36	78	161302	20.577	ug/l	99
41) Methacrylonitrile	7.53	41	8418	21.480	ug/l #	85
42) 1,2-Dichloroethane	8.43	62	56218	21.136	ug/l	99
43) Isopropyl Acetate	8.46	43	29312	19.125	ug/l	95
44) Trichloroethene	9.12	130	55252	21.267	ug/l	89
45) 1,2-Dichloropropane	9.39	63	32802	20.393	ug/l	99
46) Dibromomethane	9.48	93	22219	20.290	ug/l	96
47) Bromodichloromethane	9.67	83	64491	21.149	ug/l #	98
48) Methyl methacrylate	9.46	41	14779	19.288	ug/l	97
49) 1,4-Dioxane	9.47	88	4304	362.668	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	69625	96.540	ug/l	99
52) Toluene	10.41	92	115417	21.704	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	54400	20.419	ug/l	93
54) cis-1,3-Dichloropropene	10.10	75	63217	20.967	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	28296	19.258	ug/l	92
56) Ethyl methacrylate	10.67	69	30737	20.205	ug/l	99
57) 1,3-Dichloropropane	10.95	76	47792	20.629	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	60450	85.046	ug/l	98
59) 2-Hexanone	10.99	43	49709	97.623	ug/l	99
60) Dibromochloromethane	11.14	129	47631	21.273	ug/l	98
61) 1,2-Dibromoethane	11.25	107	29083	20.088	ug/l	97
64) Tetrachloroethene	10.88	164	50767	21.778	ug/l	94
65) Chlorobenzene	11.67	112	126644	21.454	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	49880	20.890	ug/l	98
67) Ethyl Benzene	11.75	91	219165	21.506	ug/l	99
68) m/p-Xylenes	11.86	106	174820	44.083	ug/l	99
69) o-Xylene	12.18	106	77039	21.336	ug/l	95
70) Styrene	12.20	104	138049	22.446	ug/l	98
71) Bromoform	12.37	173	27311	21.069	ug/l #	95
73) Isopropylbenzene	12.48	105	225613	22.322	ug/l	100
74) N-amyl acetate	12.29	43	25841	19.388	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.74	83	26927	19.852	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	17518m	16.363	ug/l	
77) Bromobenzene	12.76	156	54242	21.439	ug/l	100
78) n-propylbenzene	12.83	91	246946	21.961	ug/l	99
79) 2-Chlorotoluene	12.91	91	146374	21.986	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	194446	22.119	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	9314	20.348	ug/l	88
82) 4-Chlorotoluene	13.01	91	150188	21.172	ug/l	96
83) tert-Butylbenzene	13.23	119	167354	22.155	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	193131	21.993	ug/l	100
85) sec-Butylbenzene	13.41	105	219631	22.132	ug/l	98
86) p-Isopropyltoluene	13.52	119	212082	22.064	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	104059	21.252	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	101394	20.904	ug/l	97
89) n-Butylbenzene	13.85	91	172755	20.973	ug/l	98
90) Hexachloroethane	14.11	117	39212	21.430	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	89364	21.186	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5846	19.991	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	63838	21.375	ug/l	98
94) Hexachlorobutadiene	15.27	225	41450	21.722	ug/l	96
95) Naphthalene	15.41	128	95042	19.663	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	52394	20.595	ug/l	100

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

