

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081320\
 Data File : VD066211.D
 Acq On : 13 Aug 2020 15:39
 Operator : VA/SY
 Sample : VD0813SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0813SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/14/2020 5:11:55 PM

Quant Time: Aug 14 03:19:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	325929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	466377	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	428738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	224370	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	141246	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
35) Dibromofluoromethane	7.91	113	147424	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
50) Toluene-d8	10.34	98	537085	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
62) 4-Bromofluorobenzene	12.63	95	193644	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	58808	20.480	ug/l	98
3) Chloromethane	2.21	50	41299	18.489	ug/l	96
4) Vinyl Chloride	2.34	62	38737	19.588	ug/l	97
5) Bromomethane	2.75	94	26173	19.948	ug/l	87
6) Chloroethane	2.91	64	21846	17.996	ug/l #	84
7) Trichlorofluoromethane	3.27	101	96928	18.800	ug/l	98
8) Diethyl Ether	3.70	74	27437	18.860	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.10	101	58980	19.276	ug/l	99
10) Methyl Iodide	4.29	142	53458	23.326	ug/l	100
11) Tert butyl alcohol	5.20	59	23169	81.032	ug/l #	76
12) 1,1-Dichloroethene	4.06	96	54994	19.052	ug/l	93
13) Acrolein	3.93	56	17380	75.091	ug/l	100
14) Allyl chloride	4.71	41	79439	18.166	ug/l	97
15) Acrylonitrile	5.42	53	58751	95.837	ug/l	96
16) Acetone	4.16	43	55339	100.301	ug/l	98
17) Carbon Disulfide	4.40	76	163771	17.845	ug/l	99
18) Methyl Acetate	4.72	43	26512	18.918	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	121937	18.431	ug/l	100
20) Methylene Chloride	4.96	84	78985	22.348	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	59519	17.950	ug/l	94
22) Diisopropyl ether	6.36	45	161389	18.663	ug/l	97
23) Vinyl Acetate	6.30	43	469837	92.742	ug/l	99
24) 1,1-Dichloroethane	6.26	63	99021	18.503	ug/l	99
25) 2-Butanone	7.21	43	73716	90.840	ug/l	98
26) 2,2-Dichloropropane	7.20	77	93246	19.440	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	67421	19.385	ug/l	96
28) Bromochloromethane	7.54	49	40006	21.284	ug/l	99
29) Tetrahydrofuran	7.56	42	45622	90.741	ug/l	99
30) Chloroform	7.70	83	116934	20.809	ug/l	93
31) Cyclohexane	7.98	56	92756	18.208	ug/l	92
32) 1,1,1-Trichloroethane	7.90	97	100572	19.088	ug/l	99
36) 1,1-Dichloropropene	8.11	75	81181	18.524	ug/l	98
37) Ethyl Acetate	7.28	43	32500	18.717	ug/l	96
38) Carbon Tetrachloride	8.09	117	96655	19.777	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	98331	18.561	ug/l	98
40) Benzene	8.34	78	224359	18.454	ug/l	95
41) Methacrylonitrile	7.51	41	19138	18.745	ug/l	96
42) 1,2-Dichloroethane	8.42	62	70048	19.613	ug/l	99
43) Isopropyl Acetate	8.45	43	64479	18.847	ug/l	100
44) Trichloroethene	9.11	130	69826	19.060	ug/l	95
45) 1,2-Dichloropropane	9.38	63	57805	19.441	ug/l	96
46) Dibromomethane	9.47	93	31648	19.323	ug/l	98
47) Bromodichloromethane	9.66	83	82710	19.107	ug/l	93
48) Methyl methacrylate	9.46	41	29959	17.149	ug/l	87
49) 1,4-Dioxane	9.46	88	7239	344.027	ug/l #	93
51) 4-Methyl-2-Pentanone	10.23	43	164012	93.329	ug/l	100
52) Toluene	10.40	92	155400	19.425	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	77995	18.986	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	95009	19.740	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	45523	19.303	ug/l	99
56) Ethyl methacrylate	10.66	69	54217	19.137	ug/l	98
57) 1,3-Dichloropropane	10.94	76	75187	19.204	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	136239	106.907	ug/l	99
59) 2-Hexanone	10.98	43	117953	95.637	ug/l	95
60) Dibromochloromethane	11.14	129	61502	18.889	ug/l	98
61) 1,2-Dibromoethane	11.24	107	43637	19.240	ug/l	100
64) Tetrachloroethene	10.87	164	62341	18.936	ug/l	96
65) Chlorobenzene	11.67	112	165873	19.058	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	65737	19.304	ug/l	98
67) Ethyl Benzene	11.74	91	289562	19.199	ug/l	100
68) m/p-Xylenes	11.85	106	229243	39.230	ug/l	99
69) o-Xylene	12.18	106	100517	18.909	ug/l	97
70) Styrene	12.20	104	181964	19.533	ug/l	99
71) Bromoform	12.36	173	38988	19.324	ug/l #	98
73) Isopropylbenzene	12.48	105	289171	19.307	ug/l	100
74) N-amyl acetate	12.28	43	60830	18.444	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	48537	19.005	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	37728m	20.164	ug/l	
77) Bromobenzene	12.76	156	75881	19.681	ug/l	96
78) n-propylbenzene	12.82	91	332743	19.112	ug/l	99
79) 2-Chlorotoluene	12.91	91	184626	18.542	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	241267	19.262	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	16682	19.709	ug/l	96
82) 4-Chlorotoluene	13.01	91	199732	19.001	ug/l	99
83) tert-Butylbenzene	13.23	119	201696	18.310	ug/l	95
84) 1,2,4-Trimethylbenzene	13.27	105	241500	19.266	ug/l	99
85) sec-Butylbenzene	13.40	105	284022	19.097	ug/l	99
86) p-Isopropyltoluene	13.52	119	269664	19.332	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	140355	19.370	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	137971	19.093	ug/l	98
89) n-Butylbenzene	13.85	91	238935	19.118	ug/l	99
90) Hexachloroethane	14.11	117	51811	18.624	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	122187	19.067	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	8932	20.349	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	88201	18.677	ug/l	99
94) Hexachlorobutadiene	15.27	225	51806	18.629	ug/l	99
95) Naphthalene	15.41	128	140005	18.194	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	76763	18.413	ug/l	98

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

