

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081120\
 Data File : VD066181.D
 Acq On : 11 Aug 2020 12:28
 Operator : VA/SY
 Sample : VD0811SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0811SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/12/2020 3:57:43 PM

Quant Time: Aug 11 15:28:02 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	321233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	472379	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	442094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	227934	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	147573	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
35) Dibromofluoromethane	7.91	113	152989	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
50) Toluene-d8	10.34	98	570379	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
62) 4-Bromofluorobenzene	12.63	95	200309	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	55515	19.615	ug/l	96
3) Chloromethane	2.20	50	44479	20.203	ug/l	96
4) Vinyl Chloride	2.34	62	39763	20.401	ug/l	95
5) Bromomethane	2.75	94	26702	20.649	ug/l	94
6) Chloroethane	2.91	64	23497	19.639	ug/l	93
7) Trichlorofluoromethane	3.27	101	94433	18.584	ug/l	95
8) Diethyl Ether	3.70	74	27060	18.873	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	56653	18.786	ug/l	98
10) Methyl Iodide	4.29	142	54597	23.928	ug/l	97
11) Tert butyl alcohol	5.21	59	28053m	109.783	ug/l	
12) 1,1-Dichloroethene	4.06	96	53374	18.761	ug/l	90
13) Acrolein	3.91	56	18375	80.550	ug/l	98
14) Allyl chloride	4.70	41	81212	18.843	ug/l	99
15) Acrylonitrile	5.42	53	59460	98.412	ug/l	97
16) Acetone	4.15	43	52755	97.015	ug/l	96
17) Carbon Disulfide	4.40	76	165777	18.327	ug/l	100
18) Methyl Acetate	4.71	43	27380	19.823	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	119477	18.323	ug/l	97
20) Methylene Chloride	4.96	84	75074	21.369	ug/l	92
21) trans-1,2-Dichloroethene	5.47	96	61877	18.934	ug/l	91
22) Diisopropyl ether	6.36	45	172419	20.230	ug/l	98
23) Vinyl Acetate	6.30	43	480203	96.174	ug/l	96
24) 1,1-Dichloroethane	6.26	63	100420	19.039	ug/l	100
25) 2-Butanone	7.21	43	75634	94.566	ug/l	95
26) 2,2-Dichloropropane	7.20	77	92561	19.580	ug/l	98
27) cis-1,2-Dichloroethene	7.20	96	65816	19.200	ug/l	97
28) Bromochloromethane	7.54	49	42900	23.157	ug/l	94
29) Tetrahydrofuran	7.56	42	47241	95.335	ug/l	98
30) Chloroform	7.70	83	107504	19.411	ug/l	99
31) Cyclohexane	7.98	56	93421	18.607	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	99872	19.232	ug/l	100
36) 1,1-Dichloropropene	8.11	75	82864	18.668	ug/l	99
37) Ethyl Acetate	7.29	43	32870	18.689	ug/l	97
38) Carbon Tetrachloride	8.08	117	90918	18.367	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	98845	18.421	ug/l	96
40) Benzene	8.34	78	235880	19.155	ug/l	96
41) Methacrylonitrile	7.51	41	17589	17.009	ug/l	95
42) 1,2-Dichloroethane	8.42	62	69375	19.178	ug/l	98
43) Isopropyl Acetate	8.44	43	64087	18.494	ug/l	98
44) Trichloroethene	9.11	130	67846	18.284	ug/l	99
45) 1,2-Dichloropropane	9.38	63	57933	19.236	ug/l	97
46) Dibromomethane	9.47	93	31124	18.762	ug/l	99
47) Bromodichloromethane	9.66	83	80742	18.416	ug/l #	93
48) Methyl methacrylate	9.45	41	34589	19.548	ug/l	98
49) 1,4-Dioxane	9.46	88	7855	368.559	ug/l	94
51) 4-Methyl-2-Pentanone	10.22	43	168638	94.742	ug/l	99
52) Toluene	10.40	92	154816	19.106	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	78697	18.914	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	92433	18.961	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	46250	19.362	ug/l	94
56) Ethyl methacrylate	10.66	69	53613	18.683	ug/l	98
57) 1,3-Dichloropropane	10.94	76	75244	18.974	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	141754	109.821	ug/l	99
59) 2-Hexanone	10.98	43	118788	95.090	ug/l	95
60) Dibromochloromethane	11.14	129	60833	18.446	ug/l	97
61) 1,2-Dibromoethane	11.24	107	44295	19.282	ug/l	98
64) Tetrachloroethene	10.87	164	60275	17.755	ug/l	97
65) Chlorobenzene	11.67	112	170269	18.972	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	64624	18.403	ug/l	98
67) Ethyl Benzene	11.74	91	291259	18.728	ug/l	99
68) m/p-Xylenes	11.85	106	230077	38.183	ug/l	99
69) o-Xylene	12.18	106	102392	18.680	ug/l	99
70) Styrene	12.19	104	184242	19.180	ug/l	100
71) Bromoform	12.36	173	37866	18.200	ug/l #	99
73) Isopropylbenzene	12.48	105	283083	18.605	ug/l	99
74) N-amyl acetate	12.28	43	62613	18.688	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	47057	18.138	ug/l	95
76) 1,2,3-Trichloropropane	12.78	75	30744m	16.174	ug/l	
77) Bromobenzene	12.76	156	73141	18.674	ug/l	96
78) n-propylbenzene	12.82	91	338038	19.113	ug/l	99
79) 2-Chlorotoluene	12.91	91	193496	19.129	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	241993	19.018	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	16101	18.725	ug/l	100
82) 4-Chlorotoluene	13.01	91	206024	19.294	ug/l	100
83) tert-Butylbenzene	13.23	119	206667	18.468	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	241400	18.957	ug/l	100
85) sec-Butylbenzene	13.40	105	287462	19.026	ug/l	100
86) p-Isopropyltoluene	13.52	119	264285	18.650	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	139894	19.004	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	141830	19.320	ug/l	98
89) n-Butylbenzene	13.85	91	237577	18.713	ug/l	99
90) Hexachloroethane	14.11	117	52771	18.672	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	125742	19.315	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	8269	18.544	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	88746	18.498	ug/l	98
94) Hexachlorobutadiene	15.27	225	51375	18.185	ug/l	98
95) Naphthalene	15.41	128	140439	17.965	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	74492	17.589	ug/l	94

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

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