

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090320\
 Data File : VD066544.D
 Acq On : 03 Sep 2020 20:01
 Operator : VA/SY
 Sample : VD0903SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0903SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/4/2020 4:55:03 PM

Quant Time: Sep 04 06:11:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	327949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	562413	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	517125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	239851	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	218660	55.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.22%	
35) Dibromofluoromethane	7.91	113	198868	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
50) Toluene-d8	10.34	98	734701	54.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.36%	
62) 4-Bromofluorobenzene	12.63	95	239452	53.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	62944	20.953	ug/l	97
3) Chloromethane	2.21	50	92431	22.287	ug/l	94
4) Vinyl Chloride	2.34	62	97726	21.245	ug/l	98
5) Bromomethane	2.75	94	69656	21.345	ug/l	90
6) Chloroethane	2.91	64	63265	21.653	ug/l	97
7) Trichlorofluoromethane	3.27	101	137987	20.306	ug/l	96
8) Diethyl Ether	3.71	74	35582	20.794	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	75288	20.471	ug/l	99
10) Methyl Iodide	4.30	142	64388	21.673	ug/l	98
11) Tert butyl alcohol	5.21	59	38565	134.386	ug/l #	88
12) 1,1-Dichloroethene	4.06	96	65669	19.875	ug/l	97
13) Acrolein	3.92	56	19068	117.530	ug/l	87
14) Allyl chloride	4.71	41	109431	20.209	ug/l	97
15) Acrylonitrile	5.42	53	77769	105.797	ug/l	97
16) Acetone	4.16	43	67121	91.937	ug/l	94
17) Carbon Disulfide	4.40	76	225429	20.754	ug/l	98
18) Methyl Acetate	4.72	43	40616	23.338	ug/l	96
19) Methyl tert-butyl Ether	5.47	73	163741	21.133	ug/l	96
20) Methylene Chloride	4.97	84	95860	20.141	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	79835	20.347	ug/l	98
22) Diisopropyl ether	6.36	45	244828	21.986	ug/l	99
23) Vinyl Acetate	6.30	43	674399	106.424	ug/l	98
24) 1,1-Dichloroethane	6.26	63	151702	21.664	ug/l	96
25) 2-Butanone	7.21	43	101062	103.119	ug/l	99
26) 2,2-Dichloropropane	7.20	77	122082	19.006	ug/l	96
27) cis-1,2-Dichloroethene	7.20	96	88638	21.007	ug/l	98
28) Bromochloromethane	7.54	49	57880	21.469	ug/l	96
29) Tetrahydrofuran	7.56	42	65377	107.111	ug/l	98
30) Chloroform	7.71	83	157585	21.271	ug/l	96
31) Cyclohexane	7.98	56	127609	19.713	ug/l	92
32) 1,1,1-Trichloroethane	7.90	97	141925	20.376	ug/l	99
36) 1,1-Dichloropropene	8.11	75	117366	20.052	ug/l	97
37) Ethyl Acetate	7.29	43	51072	21.913	ug/l	98
38) Carbon Tetrachloride	8.09	117	124316	20.094	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.35	83	123250	18.858	ug/l	95
40) Benzene	8.34	78	322594	20.124	ug/l	97
41) Methacrylonitrile	7.52	41	22048m	19.543	ug/l	
42) 1,2-Dichloroethane	8.42	62	108494	20.889	ug/l	97
43) Isopropyl Acetate	8.45	43	92582	20.728	ug/l	99
44) Trichloroethene	9.11	130	85755	20.394	ug/l	92
45) 1,2-Dichloropropane	9.38	63	81846	20.303	ug/l	89
46) Dibromomethane	9.47	93	45527	20.470	ug/l	98
47) Bromodichloromethane	9.66	83	123263	20.485	ug/l	100
48) Methyl methacrylate	9.45	41	48617	21.526	ug/l	91
49) 1,4-Dioxane	9.46	88	8834	362.048	ug/l #	88
51) 4-Methyl-2-Pentanone	10.23	43	231992	102.991	ug/l	98
52) Toluene	10.40	92	209773	20.673	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	106878	20.120	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	127240	19.947	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	60941	21.311	ug/l	97
56) Ethyl methacrylate	10.66	69	67164	20.172	ug/l	94
57) 1,3-Dichloropropane	10.94	76	102692	20.502	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	185309	121.679	ug/l	98
59) 2-Hexanone	10.98	43	154727	102.144	ug/l	100
60) Dibromochloromethane	11.14	129	79853	21.117	ug/l	99
61) 1,2-Dibromoethane	11.24	107	58024	20.856	ug/l	97
64) Tetrachloroethene	10.87	164	68620	19.708	ug/l	93
65) Chlorobenzene	11.67	112	212035	19.866	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	82259	20.194	ug/l	99
67) Ethyl Benzene	11.74	91	376736	19.223	ug/l	98
68) m/p-Xylenes	11.85	106	294175	40.427	ug/l	99
69) o-Xylene	12.18	106	129025	19.785	ug/l	98
70) Styrene	12.19	104	230867	20.363	ug/l	98
71) Bromoform	12.36	173	40950	19.948	ug/l #	100
73) Isopropylbenzene	12.48	105	350923	19.761	ug/l	99
74) N-amyl acetate	12.29	43	83200	20.686	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	64971	20.709	ug/l	96
76) 1,2,3-Trichloropropane	12.78	75	42232m	18.308	ug/l	
77) Bromobenzene	12.76	156	81459	20.575	ug/l	98
78) n-propylbenzene	12.82	91	436007	20.253	ug/l	99
79) 2-Chlorotoluene	12.91	91	246639	20.422	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	304373	20.364	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	20026	20.268	ug/l	94
82) 4-Chlorotoluene	13.01	91	268400	20.783	ug/l	100
83) tert-Butylbenzene	13.23	119	244772	20.054	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	303743	20.411	ug/l	100
85) sec-Butylbenzene	13.40	105	349229	19.860	ug/l	99
86) p-Isopropyltoluene	13.52	119	316188	19.977	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	161313	20.524	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	156737	19.868	ug/l	98
89) n-Butylbenzene	13.85	91	294314	19.082	ug/l	98
90) Hexachloroethane	14.11	117	67969	19.930	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	139829	20.353	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11459	21.501	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	80698	19.572	ug/l	100
94) Hexachlorobutadiene	15.27	225	46181	18.644	ug/l	96
95) Naphthalene	15.41	128	143807	19.960	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	73478	20.903	ug/l	99

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

