

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100620\
 Data File : VD067098.D
 Acq On : 06 Oct 2020 10:49
 Operator : VA/SY
 Sample : VD1006SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/7/2020 12:10:04 PM

Quant Time: Oct 07 01:28:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	419617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	635606	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	578805	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	284614	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	194937	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
35) Dibromofluoromethane	7.91	113	208019	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
50) Toluene-d8	10.34	98	770416	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.63	95	266567	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	86866	23.042	ug/l	94
3) Chloromethane	2.21	50	63005	18.854	ug/l	98
4) Vinyl Chloride	2.35	62	61317	18.299	ug/l	99
5) Bromomethane	2.76	94	44872	18.004	ug/l	97
6) Chloroethane	2.92	64	36447	17.861	ug/l	96
7) Trichlorofluoromethane	3.27	101	150643	20.235	ug/l	93
8) Diethyl Ether	3.71	74	35340	19.143	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	86464	20.549	ug/l	98
10) Methyl Iodide	4.30	142	69295	16.949	ug/l	100
11) Tert butyl alcohol	5.22	59	23917	65.018	ug/l #	87
12) 1,1-Dichloroethene	4.06	96	77886	19.690	ug/l	86
13) Acrolein	3.92	56	21600	79.813	ug/l	99
14) Allyl chloride	4.71	41	93204	18.138	ug/l	97
15) Acrylonitrile	5.43	53	60877	89.598	ug/l	99
16) Acetone	4.16	43	58972	95.583	ug/l	90
17) Carbon Disulfide	4.41	76	236695	19.498	ug/l	99
18) Methyl Acetate	4.72	43	28989	18.695	ug/l	93
19) Methyl tert-butyl Ether	5.49	73	136921	18.961	ug/l	100
20) Methylene Chloride	4.96	84	98840	17.906	ug/l	95
21) trans-1,2-Dichloroethene	5.48	96	88969	19.764	ug/l	95
22) Diisopropyl ether	6.36	45	178474	19.024	ug/l #	96
23) Vinyl Acetate	6.31	43	470461	88.497	ug/l	99
24) 1,1-Dichloroethane	6.26	63	140454	19.399	ug/l	99
25) 2-Butanone	7.21	43	75520	86.336	ug/l	98
26) 2,2-Dichloropropane	7.21	77	135185	19.303	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	92708	19.283	ug/l	98
28) Bromochloromethane	7.54	49	48981	17.518	ug/l	90
29) Tetrahydrofuran	7.56	42	44456	88.389	ug/l	93
30) Chloroform	7.71	83	155802	19.837	ug/l	100
31) Cyclohexane	7.99	56	115160	18.972	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	146967	20.191	ug/l	97
36) 1,1-Dichloropropene	8.11	75	122755	20.720	ug/l	99
37) Ethyl Acetate	7.29	43	33928	16.531	ug/l #	92
38) Carbon Tetrachloride	8.10	117	139206	21.716	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	126203	20.148	ug/l	95
40) Benzene	8.35	78	334940	20.354	ug/l	96
41) Methacrylonitrile	7.54	41	25990m	23.439	ug/l	
42) 1,2-Dichloroethane	8.43	62	92848	20.192	ug/l	96
43) Isopropyl Acetate	8.45	43	69522	18.387	ug/l	97
44) Trichloroethene	9.11	130	103946	21.154	ug/l	97
45) 1,2-Dichloropropane	9.38	63	77788	20.119	ug/l	94
46) Dibromomethane	9.47	93	44966	20.234	ug/l	97
47) Bromodichloromethane	9.66	83	120442	20.850	ug/l	95
48) Methyl methacrylate	9.46	41	32582	16.820	ug/l #	81
49) 1,4-Dioxane	9.46	88	9058	390.543	ug/l	91
51) 4-Methyl-2-Pentanone	10.23	43	171726	91.183	ug/l	100
52) Toluene	10.40	92	223643	21.098	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	104997	20.337	ug/l	91
54) cis-1,3-Dichloropropene	10.09	75	126243	20.025	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	63525	20.561	ug/l	96
56) Ethyl methacrylate	10.66	69	63495	19.905	ug/l	97
57) 1,3-Dichloropropane	10.94	76	102147	20.388	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	178682	100.642	ug/l	97
59) 2-Hexanone	10.98	43	117717	93.649	ug/l	98
60) Dibromochloromethane	11.14	129	86413	20.985	ug/l	96
61) 1,2-Dibromoethane	11.24	107	60775	20.475	ug/l	100
64) Tetrachloroethene	10.87	164	90491	21.505	ug/l	93
65) Chlorobenzene	11.67	112	243032	21.112	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	91136	20.813	ug/l	99
67) Ethyl Benzene	11.74	91	419509	21.269	ug/l	98
68) m/p-Xylenes	11.85	106	327933	42.662	ug/l	98
69) o-Xylene	12.18	106	146982	21.383	ug/l	98
70) Styrene	12.20	104	252405	21.384	ug/l	98
71) Bromoform	12.36	173	49989	21.992	ug/l #	93
73) Isopropylbenzene	12.48	105	409687	21.199	ug/l	99
74) N-amyl acetate	12.29	43	63004	18.135	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.73	83	61749	18.964	ug/l	94
76) 1,2,3-Trichloropropane	12.78	75	43905m	17.710	ug/l	
77) Bromobenzene	12.76	156	101488	21.749	ug/l	94
78) n-propylbenzene	12.82	91	479158	20.979	ug/l	99
79) 2-Chlorotoluene	12.91	91	268405	20.540	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	350130	21.444	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	18152	18.255	ug/l	95
82) 4-Chlorotoluene	13.01	91	295208	21.233	ug/l	100
83) tert-Butylbenzene	13.23	119	286131	20.810	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	349521	21.450	ug/l	99
85) sec-Butylbenzene	13.40	105	406568	20.997	ug/l	99
86) p-Isopropyltoluene	13.52	119	381119	21.230	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	188958	20.789	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	187341	20.613	ug/l	99
89) n-Butylbenzene	13.85	91	348206	21.224	ug/l	97
90) Hexachloroethane	14.11	117	66268	21.074	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	166514	20.976	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10161	19.359	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	108574	21.145	ug/l	97
94) Hexachlorobutadiene	15.28	225	67152	21.295	ug/l	98
95) Naphthalene	15.41	128	167073	19.508	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	91871	20.611	ug/l	97

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

