

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090220\
 Data File : VD066523.D
 Acq On : 02 Sep 2020 15:26
 Operator : VA/SY
 Sample : VD0902SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0902SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/3/2020 4:57:23 PM

Quant Time: Sep 03 03:53:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 02 15:08:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	165722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	229017	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	208826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	113312	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	98072	55.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.06%	
35) Dibromofluoromethane	7.91	113	78614	57.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.14%	
50) Toluene-d8	10.34	98	287988	55.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.36%	
62) 4-Bromofluorobenzene	12.63	95	103190	55.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	31369	22.188	ug/l	97
3) Chloromethane	2.20	50	19283	22.688	ug/l	94
4) Vinyl Chloride	2.35	62	22440	21.651	ug/l	96
5) Bromomethane	2.76	94	18496	21.835	ug/l	95
6) Chloroethane	2.92	64	13076	18.752	ug/l	91
7) Trichlorofluoromethane	3.27	101	67200	21.270	ug/l	100
8) Diethyl Ether	3.70	74	12569	21.226	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	4.10	101	29097	22.115	ug/l	95
10) Methyl Iodide	4.30	142	26540	18.191	ug/l	99
11) Tert butyl alcohol	5.20	59	13244m	114.966	ug/l	
12) 1,1-Dichloroethene	4.06	96	26016	21.041	ug/l	97
13) Acrolein	3.91	56	6044	104.405	ug/l	91
14) Allyl chloride	4.71	41	30401	21.996	ug/l	97
15) Acrylonitrile	5.42	53	22933	107.997	ug/l #	85
16) Acetone	4.16	43	26506	100.562	ug/l #	85
17) Carbon Disulfide	4.41	76	73670	20.618	ug/l #	91
18) Methyl Acetate	4.71	43	9068	21.426	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	67391	20.889	ug/l #	90
20) Methylene Chloride	4.97	84	34103	23.524	ug/l	93
21) trans-1,2-Dichloroethene	5.46	96	28537	20.178	ug/l	87
22) Diisopropyl ether	6.36	45	57893	20.900	ug/l	91
23) Vinyl Acetate	6.30	43	191315	107.429	ug/l	99
24) 1,1-Dichloroethane	6.26	63	45401	20.869	ug/l	98
25) 2-Butanone	7.21	43	28529	104.574	ug/l	97
26) 2,2-Dichloropropane	7.21	77	56727	20.578	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	32364	21.102	ug/l	97
28) Bromochloromethane	7.54	49	13054	20.740	ug/l	95
29) Tetrahydrofuran	7.56	42	15023	107.121	ug/l	95
30) Chloroform	7.71	83	58175	20.709	ug/l	95
31) Cyclohexane	7.99	56	38414	21.200	ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	65580	20.961	ug/l	98
36) 1,1-Dichloropropene	8.10	75	42357	21.099	ug/l	99
37) Ethyl Acetate	7.29	43	12022	19.950	ug/l #	81
38) Carbon Tetrachloride	8.09	117	63003	20.601	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	48648	20.741	ug/l	98
40) Benzene	8.34	78	107694	20.795	ug/l	95
41) Methacrylonitrile	7.52	41	5623	17.934	ug/l #	96
42) 1,2-Dichloroethane	8.41	62	46152	21.066	ug/l	99
43) Isopropyl Acetate	8.44	43	26373	20.892	ug/l	98
44) Trichloroethene	9.11	130	37735	21.111	ug/l	95
45) 1,2-Dichloropropane	9.38	63	21886	21.300	ug/l	97
46) Dibromomethane	9.47	93	15801	21.005	ug/l	96
47) Bromodichloromethane	9.66	83	45652	20.419	ug/l	88
48) Methyl methacrylate	9.45	41	14224	22.110	ug/l	98
49) 1,4-Dioxane	9.46	88	4076	468.101	ug/l	91
51) 4-Methyl-2-Pentanone	10.23	43	63113	108.728	ug/l	99
52) Toluene	10.40	92	77649	21.080	ug/l	96
53) t-1,3-Dichloropropene	10.62	75	41827	20.476	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	45027	20.923	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	20803	21.885	ug/l #	87
56) Ethyl methacrylate	10.66	69	23325	20.850	ug/l	96
57) 1,3-Dichloropropane	10.94	76	32800	20.895	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	50060	114.636	ug/l	98
59) 2-Hexanone	10.98	43	45493	108.517	ug/l	95
60) Dibromochloromethane	11.14	129	32414	20.622	ug/l	96
61) 1,2-Dibromoethane	11.25	107	19784	20.418	ug/l	100
64) Tetrachloroethene	10.87	164	33350	20.484	ug/l	93
65) Chlorobenzene	11.67	112	87572	21.315	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	37710	21.694	ug/l	99
67) Ethyl Benzene	11.74	91	154725	21.379	ug/l	99
68) m/p-Xylenes	11.85	106	118938	42.476	ug/l	98
69) o-Xylene	12.18	106	54392	20.507	ug/l	99
70) Styrene	12.20	104	98015	21.584	ug/l	98
71) Bromoform	12.36	173	20407	21.403	ug/l #	95
73) Isopropylbenzene	12.48	105	155372	20.521	ug/l	100
74) N-amyl acetate	12.29	43	24171	21.172	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	19367	21.646	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	14338m	20.115	ug/l	
77) Bromobenzene	12.76	156	39440	20.527	ug/l	99
78) n-propylbenzene	12.82	91	171146	20.743	ug/l	99
79) 2-Chlorotoluene	12.91	91	99097	20.758	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	135926	20.649	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	7556	23.606	ug/l	91
82) 4-Chlorotoluene	13.01	91	108724	21.204	ug/l	98
83) tert-Butylbenzene	13.23	119	115840	20.063	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	137086	20.822	ug/l	97
85) sec-Butylbenzene	13.40	105	151752	20.747	ug/l	100
86) p-Isopropyltoluene	13.52	119	151005	20.655	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	75562	21.204	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	74359	20.627	ug/l	97
89) n-Butylbenzene	13.85	91	126479	20.654	ug/l	98
90) Hexachloroethane	14.12	117	27795	21.186	ug/l	90
91) 1,2-Dichlorobenzene	13.89	146	64694	20.872	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5076	21.452	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	49261	20.135	ug/l	95
94) Hexachlorobutadiene	15.27	225	32296	20.364	ug/l	97
95) Naphthalene	15.41	128	77549	20.392	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	44273	20.943	ug/l	99

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

