

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100120\
 Data File : VD066986.D
 Acq On : 01 Oct 2020 11:53
 Operator : VA/SY
 Sample : VSTDIC010
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 10/2/2020 3:13:16 PM

Quant Time: Oct 01 15:15:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:02:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	456944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	725302	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	665442	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	320289	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	46110	10.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.96%	
35) Dibromofluoromethane	7.91	113	49514	10.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.86%	
50) Toluene-d8	10.33	98	176009	10.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.34%	
62) 4-Bromofluorobenzene	12.63	95	57975	9.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	48078	11.588	ug/l	98
3) Chloromethane	2.21	50	40742	11.196	ug/l	94
4) Vinyl Chloride	2.35	62	41462	11.363	ug/l	95
5) Bromomethane	2.77	94	30736	11.557	ug/l	98
6) Chloroethane	2.93	64	23903	10.757	ug/l	93
7) Trichlorofluoromethane	3.28	101	88747	10.947	ug/l	94
8) Diethyl Ether	3.71	74	19612	9.756	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.10	101	50816	11.090	ug/l	94
10) Methyl Iodide	4.30	142	41629	9.350	ug/l	97
11) Tert butyl alcohol	5.20	59	22822	60.914	ug/l #	72
12) 1,1-Dichloroethene	4.07	96	46778	10.860	ug/l	90
13) Acrolein	3.92	56	14837	50.345	ug/l	94
14) Allyl chloride	4.73	41	59280	10.594	ug/l	99
15) Acrylonitrile	5.42	53	37385	50.528	ug/l	100
16) Acetone	4.16	43	34497	51.346	ug/l	90
17) Carbon Disulfide	4.41	76	142535	10.782	ug/l	97
18) Methyl Acetate	4.71	43	16790	9.943	ug/l	98
19) Methyl tert-butyl Ether	5.49	73	77021	9.795	ug/l #	89
20) Methylene Chloride	4.97	84	74916	12.232	ug/l	92
21) trans-1,2-Dichloroethene	5.47	96	49376	10.072	ug/l	93
22) Diisopropyl ether	6.37	45	107442	10.517	ug/l #	95
23) Vinyl Acetate	6.31	43	274769	47.464	ug/l	99
24) 1,1-Dichloroethane	6.27	63	83699	10.616	ug/l	98
25) 2-Butanone	7.21	43	48312	50.719	ug/l	92
26) 2,2-Dichloropropane	7.21	77	83201	10.999	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	56099	10.715	ug/l	97
28) Bromochloromethane	7.54	49	29893	9.818	ug/l	98
29) Tetrahydrofuran	7.56	42	28291	51.654	ug/l	98
30) Chloroform	7.71	83	91020	10.642	ug/l	99
31) Cyclohexane	7.98	56	71513	10.819	ug/l #	90
32) 1,1,1-Trichloroethane	7.90	97	84109	10.611	ug/l	99
36) 1,1-Dichloropropene	8.11	75	71434	10.566	ug/l	99
37) Ethyl Acetate	7.30	43	24139	10.307	ug/l	98
38) Carbon Tetrachloride	8.09	117	77108	10.541	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	67728	9.476	ug/l	92
40) Benzene	8.35	78	203712	10.848	ug/l	97
41) Methacrylonitrile	7.52	41	11222	8.869	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	56489	10.766	ug/l	97
43) Isopropyl Acetate	8.45	43	43860	10.166	ug/l	99
44) Trichloroethene	9.11	130	57451	10.246	ug/l	98
45) 1,2-Dichloropropane	9.38	63	46067	10.441	ug/l	96
46) Dibromomethane	9.48	93	25877	10.204	ug/l	98
47) Bromodichloromethane	9.66	83	71181	10.798	ug/l	94
48) Methyl methacrylate	9.45	41	21324	9.647	ug/l	90
49) 1,4-Dioxane	9.47	88	5115	193.264	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	108245	50.368	ug/l	97
52) Toluene	10.40	92	126921	10.493	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	58920	10.001	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	73802	10.259	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	36665	10.400	ug/l	91
56) Ethyl methacrylate	10.66	69	33899	9.313	ug/l	96
57) 1,3-Dichloropropane	10.94	76	59857	10.470	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	95590	47.183	ug/l	100
59) 2-Hexanone	10.98	43	71231	49.659	ug/l	97
60) Dibromochloromethane	11.14	129	49665	10.569	ug/l	99
61) 1,2-Dibromoethane	11.24	107	35750	10.555	ug/l	99
64) Tetrachloroethene	10.88	164	51050	10.552	ug/l	84
65) Chlorobenzene	11.67	112	136930	10.346	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.74	131	53026	10.533	ug/l	97
67) Ethyl Benzene	11.74	91	227700	10.041	ug/l	99
68) m/p-Xylenes	11.86	106	182557	20.657	ug/l	99
69) o-Xylene	12.18	106	78933	9.988	ug/l	95
70) Styrene	12.20	104	135118	9.957	ug/l	99
71) Bromoform	12.36	173	26480	10.133	ug/l #	100
73) Isopropylbenzene	12.48	105	213969	9.839	ug/l	98
74) N-amyl acetate	12.29	43	37516	9.596	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	39193	10.696	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	31399m	11.501	ug/l	
77) Bromobenzene	12.76	156	53352	10.160	ug/l	99
78) n-propylbenzene	12.82	91	258531	10.059	ug/l	98
79) 2-Chlorotoluene	12.91	91	149030	10.134	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	186280	10.138	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	11219	10.026	ug/l	98
82) 4-Chlorotoluene	13.01	91	163981	10.481	ug/l	99
83) tert-Butylbenzene	13.23	119	153218	9.902	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	187675	10.235	ug/l	97
85) sec-Butylbenzene	13.40	105	214359	9.837	ug/l	100
86) p-Isopropyltoluene	13.52	119	203867	10.092	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	108774	10.634	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	108166	10.576	ug/l	98
89) n-Butylbenzene	13.85	91	184626	10.000	ug/l	97
90) Hexachloroethane	14.11	117	35727	10.096	ug/l	93
91) 1,2-Dichlorobenzene	13.89	146	91768	10.273	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	6012	10.178	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	54322	9.401	ug/l	98
94) Hexachlorobutadiene	15.27	225	36506	10.287	ug/l	98
95) Naphthalene	15.41	128	79220	8.220	ug/l	97
96) 1,2,3-Trichlorobenzene	15.60	180	47442	9.458	ug/l	97

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

