

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102920\
 Data File : VD067448.D
 Acq On : 29 Oct 2020 13:29
 Operator : VA/SY
 Sample : VD1029SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1029SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/30/2020 1:34:55 PM

Quant Time: Oct 30 02:40:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	316447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	466018	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	427502	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	219267	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	157020	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
35) Dibromofluoromethane	7.92	113	162173	52.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.58%	
50) Toluene-d8	10.34	98	590592	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	
62) 4-Bromofluorobenzene	12.64	95	211264	54.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	52022	17.651	ug/l	94
3) Chloromethane	2.21	50	36683	18.419	ug/l	99
4) Vinyl Chloride	2.34	62	39630	18.136	ug/l	92
5) Bromomethane	2.76	94	31465	19.247	ug/l	92
6) Chloroethane	2.91	64	25305	18.595	ug/l	98
7) Trichlorofluoromethane	3.27	101	111845	20.326	ug/l	99
8) Diethyl Ether	3.71	74	24696	19.614	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.09	101	61082	20.894	ug/l	98
10) Methyl Iodide	4.30	142	55288	20.502	ug/l	97
11) Tert butyl alcohol	5.22	59	22808	113.474	ug/l #	96
12) 1,1-Dichloroethene	4.07	96	51469	19.707	ug/l	96
13) Acrolein	3.92	56	9034	65.211	ug/l	96
14) Allyl chloride	4.71	41	59708	19.963	ug/l	96
15) Acrylonitrile	5.42	53	44909	106.894	ug/l	97
16) Acetone	4.16	43	49886	112.355	ug/l	96
17) Carbon Disulfide	4.41	76	136818	18.376	ug/l	99
18) Methyl Acetate	4.73	43	20750	20.489	ug/l #	41
19) Methyl tert-butyl Ether	5.47	73	106998	20.604	ug/l	95
20) Methylene Chloride	4.97	84	71298	22.610	ug/l	98
21) trans-1,2-Dichloroethene	5.48	96	63233	21.039	ug/l	99
22) Diisopropyl ether	6.37	45	116533	21.329	ug/l	97
23) Vinyl Acetate	6.31	43	321949	103.575	ug/l	94
24) 1,1-Dichloroethane	6.26	63	98927	21.152	ug/l	95
25) 2-Butanone	7.21	43	55238	109.140	ug/l	89
26) 2,2-Dichloropropane	7.21	77	100324	20.811	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	70086	21.277	ug/l	100
28) Bromochloromethane	7.54	49	31910	20.003	ug/l #	100
29) Tetrahydrofuran	7.56	42	28768	102.253	ug/l	97
30) Chloroform	7.71	83	120629	21.591	ug/l	92
31) Cyclohexane	7.99	56	71889	19.687	ug/l	91
32) 1,1,1-Trichloroethane	7.90	97	111884	20.410	ug/l	97
36) 1,1-Dichloropropene	8.12	75	82122	20.791	ug/l	99
37) Ethyl Acetate	7.29	43	23754	20.441	ug/l #	73
38) Carbon Tetrachloride	8.10	117	106298	21.057	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	85972	20.820	ug/l	99
40) Benzene	8.35	78	232839	21.488	ug/l	97
41) Methacrylonitrile	7.53	41	16161	25.735	ug/l #	56
42) 1,2-Dichloroethane	8.43	62	73476	21.668	ug/l	100
43) Isopropyl Acetate	8.46	43	49613	21.515	ug/l	98
44) Trichloroethene	9.11	130	76386	22.017	ug/l	93
45) 1,2-Dichloropropane	9.39	63	54477	21.693	ug/l	99
46) Dibromomethane	9.48	93	33057	21.127	ug/l	97
47) Bromodichloromethane	9.67	83	90519	21.593	ug/l	94
48) Methyl methacrylate	9.46	41	23469	20.943	ug/l	98
49) 1,4-Dioxane	9.47	88	7827	501.784	ug/l	92
51) 4-Methyl-2-Pentanone	10.23	43	126080	109.623	ug/l	97
52) Toluene	10.41	92	163688	22.179	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	78692	21.369	ug/l	98
54) cis-1,3-Dichloropropene	10.10	75	91433	21.215	ug/l	98
55) 1,1,2-Trichloroethane	10.81	97	47031	22.043	ug/l	92
56) Ethyl methacrylate	10.67	69	46225	20.890	ug/l	99
57) 1,3-Dichloropropane	10.95	76	75402	22.206	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	123921	109.165	ug/l	97
59) 2-Hexanone	10.99	43	85518	108.813	ug/l	96
60) Dibromochloromethane	11.14	129	65817	21.152	ug/l	96
61) 1,2-Dibromoethane	11.25	107	42727	20.313	ug/l	89
64) Tetrachloroethene	10.88	164	66929	21.608	ug/l	98
65) Chlorobenzene	11.67	112	177657	21.671	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.75	131	69864	21.443	ug/l	97
67) Ethyl Benzene	11.75	91	305239	21.721	ug/l	99
68) m/p-Xylenes	11.86	106	242463	44.806	ug/l	96
69) o-Xylene	12.18	106	108654	21.683	ug/l	96
70) Styrene	12.20	104	189653	21.986	ug/l	99
71) Bromoform	12.37	173	39969	22.835	ug/l #	97
73) Isopropylbenzene	12.48	105	305577	21.958	ug/l	100
74) N-amyl acetate	12.29	43	44951	21.387	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	47472	22.264	ug/l	96
76) 1,2,3-Trichloropropane	12.78	75	34899m	22.964	ug/l	
77) Bromobenzene	12.77	156	77251	22.266	ug/l	99
78) n-propylbenzene	12.83	91	355847	22.070	ug/l	100
79) 2-Chlorotoluene	12.91	91	203070	21.718	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	264701	21.889	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	14258	21.275	ug/l	95
82) 4-Chlorotoluene	13.01	91	220778	22.247	ug/l	100
83) tert-Butylbenzene	13.23	119	230133	22.529	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	265659	22.226	ug/l	98
85) sec-Butylbenzene	13.41	105	307912	21.967	ug/l	99
86) p-Isopropyltoluene	13.52	119	292795	22.131	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	147839	22.139	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	147031	22.223	ug/l	99
89) n-Butylbenzene	13.85	91	251483	21.607	ug/l	99
90) Hexachloroethane	14.12	117	50514	21.880	ug/l	94
91) 1,2-Dichlorobenzene	13.90	146	127268	21.816	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	8793	22.699	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	86637	22.027	ug/l	99
94) Hexachlorobutadiene	15.27	225	53864	22.053	ug/l	96
95) Naphthalene	15.41	128	136321	21.110	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	76827	22.610	ug/l	98

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

