

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091020\
 Data File : VD066626.D
 Acq On : 10 Sep 2020 19:50
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/11/2020 10:17:59 AM

Quant Time: Sep 11 03:04:09 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	322400	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	537081	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	507715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	241003	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	225936	57.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.84%	
35) Dibromofluoromethane	7.91	113	206473	56.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.98%	
50) Toluene-d8	10.34	98	744214	57.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.94%	
62) 4-Bromofluorobenzene	12.63	95	251605	58.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	125853	47.039	ug/l	91
3) Chloromethane	2.21	50	191369	46.936	ug/l	96
4) Vinyl Chloride	2.35	62	202671	44.818	ug/l	99
5) Bromomethane	2.77	94	140839	49.190	ug/l	84
6) Chloroethane	2.92	64	126767	44.135	ug/l	99
7) Trichlorofluoromethane	3.27	101	312817	46.826	ug/l	94
8) Diethyl Ether	3.71	74	88208	52.436	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	169851	46.979	ug/l	98
10) Methyl Iodide	4.30	142	141751	43.548	ug/l	98
11) Tert butyl alcohol	5.21	59	62145	255.755	ug/l	100
12) 1,1-Dichloroethene	4.07	96	154997	47.718	ug/l	99
13) Acrolein	3.92	56	49167	308.267	ug/l	97
14) Allyl chloride	4.71	41	273763	51.426	ug/l	98
15) Acrylonitrile	5.42	53	207050	286.520	ug/l	100
16) Acetone	4.16	43	171010	238.267	ug/l	94
17) Carbon Disulfide	4.40	76	498790	46.711	ug/l	97
18) Methyl Acetate	4.71	43	93112	54.422	ug/l	96
19) Methyl tert-butyl Ether	5.48	73	424764	55.764	ug/l	96
20) Methylene Chloride	4.97	84	220926	57.471	ug/l	99
21) trans-1,2-Dichloroethene	5.47	96	196295	50.890	ug/l	97
22) Diisopropyl ether	6.36	45	618812	56.527	ug/l	98
23) Vinyl Acetate	6.30	43	1801056	289.108	ug/l	98
24) 1,1-Dichloroethane	6.26	63	361294	52.482	ug/l	97
25) 2-Butanone	7.21	43	259016	268.838	ug/l	96
26) 2,2-Dichloropropane	7.20	77	298445	47.262	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	221998	53.520	ug/l	99
28) Bromochloromethane	7.54	49	154741	58.385	ug/l	99
29) Tetrahydrofuran	7.56	42	170450	284.066	ug/l	100
30) Chloroform	7.71	83	391450	53.748	ug/l	94
31) Cyclohexane	7.98	56	293148	46.066	ug/l	90
32) 1,1,1-Trichloroethane	7.90	97	342898	50.077	ug/l	98
36) 1,1-Dichloropropene	8.11	75	276367	49.445	ug/l	99
37) Ethyl Acetate	7.29	43	126092	56.653	ug/l	95
38) Carbon Tetrachloride	8.09	117	299118	50.630	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	310251	49.709	ug/l	97
40) Benzene	8.35	78	790741	51.655	ug/l	100
41) Methacrylonitrile	7.53	41	67364m	62.527	ug/l	
42) 1,2-Dichloroethane	8.42	62	259010	52.221	ug/l	100
43) Isopropyl Acetate	8.45	43	237856	55.766	ug/l	99
44) Trichloroethene	9.11	130	204383	50.899	ug/l	98
45) 1,2-Dichloropropane	9.38	63	206928	53.752	ug/l	92
46) Dibromomethane	9.47	93	114606	53.960	ug/l	97
47) Bromodichloromethane	9.66	83	306834	53.397	ug/l	97
48) Methyl methacrylate	9.45	41	124616	57.779	ug/l	97
49) 1,4-Dioxane	9.46	88	25139	1078.877	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	630228	292.981	ug/l	97
52) Toluene	10.40	92	518016	53.458	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	276752	54.557	ug/l	92
54) cis-1,3-Dichloropropene	10.08	75	326693	53.629	ug/l	94
55) 1,1,2-Trichloroethane	10.80	97	154187	56.461	ug/l	96
56) Ethyl methacrylate	10.66	69	188258	59.208	ug/l	99
57) 1,3-Dichloropropane	10.94	76	264568	55.311	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	411977	283.274	ug/l	100
59) 2-Hexanone	10.98	43	421949	291.690	ug/l	100
60) Dibromochloromethane	11.14	129	201713	55.858	ug/l	97
61) 1,2-Dibromoethane	11.24	107	149184	56.152	ug/l	99
64) Tetrachloroethene	10.87	164	161036	47.108	ug/l	97
65) Chlorobenzene	11.67	112	536341	51.183	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	203783	50.955	ug/l	98
67) Ethyl Benzene	11.74	91	994534	51.688	ug/l	99
68) m/p-Xylenes	11.86	106	753495	105.468	ug/l	98
69) o-Xylene	12.18	106	342623	53.512	ug/l	99
70) Styrene	12.20	104	605549	54.401	ug/l	99
71) Bromoform	12.36	173	105750	52.468	ug/l #	99
73) Isopropylbenzene	12.48	105	926844	51.943	ug/l	100
74) N-amyl acetate	12.29	43	219587	54.335	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	166099	52.690	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	113527m	48.980	ug/l	
77) Bromobenzene	12.76	156	210527	52.921	ug/l	99
78) n-propylbenzene	12.82	91	1118013	51.686	ug/l	99
79) 2-Chlorotoluene	12.91	91	630142	51.928	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	781398	52.029	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	51175	51.547	ug/l	94
82) 4-Chlorotoluene	13.01	91	662570	51.059	ug/l	99
83) tert-Butylbenzene	13.23	119	643641	52.481	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	786467	52.597	ug/l	99
85) sec-Butylbenzene	13.40	105	912256	51.629	ug/l	100
86) p-Isopropyltoluene	13.52	119	837624	52.668	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	405896	51.395	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	393800	49.680	ug/l	99
89) n-Butylbenzene	13.84	91	794954	51.295	ug/l	99
90) Hexachloroethane	14.11	117	169512	49.468	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	353314	51.182	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	26542	49.565	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	212447	51.281	ug/l	99
94) Hexachlorobutadiene	15.27	225	122557	49.242	ug/l	98
95) Naphthalene	15.41	128	421329	58.200	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	195306	55.296	ug/l	99

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

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