

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091720\
 Data File : VD066755.D
 Acq On : 17 Sep 2020 20:08
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/18/2020 12:18:21 PM

Quant Time: Sep 18 02:23:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	379984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	649393	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	611603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	279343	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	222170	54.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.60%	
35) Dibromofluoromethane	7.91	113	215253	54.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.12%	
50) Toluene-d8	10.34	98	768031	54.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.28%	
62) 4-Bromofluorobenzene	12.63	95	261050	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	130937	46.170	ug/l	99
3) Chloromethane	2.21	50	193676	46.838	ug/l	97
4) Vinyl Chloride	2.35	62	190249	43.962	ug/l	94
5) Bromomethane	2.77	94	137146	44.674	ug/l	97
6) Chloroethane	2.92	64	123373	45.762	ug/l #	87
7) Trichlorofluoromethane	3.27	101	336294	44.990	ug/l	99
8) Diethyl Ether	3.71	74	102835	54.941	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	184718	44.967	ug/l	99
10) Methyl Iodide	4.30	142	183813	47.161	ug/l	100
11) Tert butyl alcohol	5.22	59	74130	293.579	ug/l	98
12) 1,1-Dichloroethene	4.07	96	182093	47.892	ug/l	97
13) Acrolein	3.93	56	74906	261.970	ug/l	99
14) Allyl chloride	4.72	41	305123	49.970	ug/l	99
15) Acrylonitrile	5.42	53	232286	283.294	ug/l	99
16) Acetone	4.16	43	184957	224.029	ug/l	100
17) Carbon Disulfide	4.41	76	593954	49.714	ug/l	99
18) Methyl Acetate	4.72	43	104657	60.121	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	479720	56.645	ug/l	98
20) Methylene Chloride	4.97	84	237566	54.141	ug/l	99
21) trans-1,2-Dichloroethene	5.47	96	229083	51.715	ug/l	97
22) Diisopropyl ether	6.36	45	683197	55.065	ug/l	95
23) Vinyl Acetate	6.31	43	1990847	288.469	ug/l	96
24) 1,1-Dichloroethane	6.26	63	406934	51.686	ug/l	99
25) 2-Butanone	7.21	43	292494	272.077	ug/l	96
26) 2,2-Dichloropropane	7.21	77	318887	43.800	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	256983	53.028	ug/l	99
28) Bromochloromethane	7.55	49	159767	54.328	ug/l	98
29) Tetrahydrofuran	7.56	42	192169	292.163	ug/l	95
30) Chloroform	7.71	83	440823	52.608	ug/l	99
31) Cyclohexane	7.98	56	327240	45.695	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	380394	49.610	ug/l	99
36) 1,1-Dichloropropene	8.11	75	317043	47.485	ug/l	99
37) Ethyl Acetate	7.29	43	135720	53.695	ug/l	97
38) Carbon Tetrachloride	8.09	117	326411	46.036	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	358357	46.924	ug/l	99
40) Benzene	8.35	78	918062	50.825	ug/l	99
41) Methacrylonitrile	7.53	41	71251m	53.246	ug/l	
42) 1,2-Dichloroethane	8.42	62	282439	50.470	ug/l	98
43) Isopropyl Acetate	8.45	43	261863	55.041	ug/l	99
44) Trichloroethene	9.11	130	240977	49.896	ug/l	97
45) 1,2-Dichloropropane	9.38	63	234674	52.552	ug/l	98
46) Dibromomethane	9.47	93	133572	54.434	ug/l	99
47) Bromodichloromethane	9.66	83	348312	52.092	ug/l	99
48) Methyl methacrylate	9.45	41	128559	53.125	ug/l	92
49) 1,4-Dioxane	9.46	88	30145	1146.839	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	692457	282.711	ug/l	99
52) Toluene	10.40	92	600014	51.853	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	308129	51.585	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	367557	51.807	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	171405	52.980	ug/l	96
56) Ethyl methacrylate	10.66	69	215781	58.773	ug/l	98
57) 1,3-Dichloropropane	10.94	76	301417	53.088	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	447368	277.444	ug/l	98
59) 2-Hexanone	10.98	43	464259	282.096	ug/l	97
60) Dibromochloromethane	11.14	129	228874	54.293	ug/l	99
61) 1,2-Dibromoethane	11.24	107	171625	55.301	ug/l	99
64) Tetrachloroethene	10.87	164	197654	47.342	ug/l	94
65) Chlorobenzene	11.67	112	626013	49.437	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	239415	51.244	ug/l	98
67) Ethyl Benzene	11.74	91	1134230	49.451	ug/l	100
68) m/p-Xylenes	11.85	106	865369	99.826	ug/l	98
69) o-Xylene	12.18	106	400801	52.320	ug/l	97
70) Styrene	12.20	104	701177	52.005	ug/l	99
71) Bromoform	12.36	173	122747	52.350	ug/l #	99
73) Isopropylbenzene	12.48	105	1074894	51.545	ug/l	100
74) N-amyl acetate	12.29	43	238216	54.153	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	185375	52.313	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	119358m	49.918	ug/l	
77) Bromobenzene	12.76	156	241114	50.165	ug/l	99
78) n-propylbenzene	12.82	91	1267234	49.850	ug/l	98
79) 2-Chlorotoluene	12.91	91	715939	49.807	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	889244	50.433	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	56042	50.583	ug/l	99
82) 4-Chlorotoluene	13.01	91	752567	49.515	ug/l	99
83) tert-Butylbenzene	13.23	119	739948	50.916	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	909617	51.621	ug/l	99
85) sec-Butylbenzene	13.40	105	1037927	49.818	ug/l	99
86) p-Isopropyltoluene	13.52	119	952937	50.311	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	468903	50.850	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	454387	49.484	ug/l	99
89) n-Butylbenzene	13.84	91	883231	49.039	ug/l	97
90) Hexachloroethane	14.11	117	193282	49.674	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	402045	50.884	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	30323	52.936	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	251082	52.540	ug/l	99
94) Hexachlorobutadiene	15.27	225	132514	46.024	ug/l	99
95) Naphthalene	15.40	128	499804	59.860	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	218110	52.253	ug/l	98

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

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