

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090120\
 Data File : VV018146.D
 Acq On : 01 Sep 2020 15:17
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05092

Quant Time: Sep 02 01:45:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 02 01:43:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	270295	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	264885	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	146996	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81013	39.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.56%
7) Chloroethane-d5	1.58	69	76836	45.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.08%
11) 1,1-Dichloroethene-d2	2.12	63	177720	45.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.10%
21) 2-Butanone-d5	3.90	46	135918	100.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.62%
24) Chloroform-d	4.37	84	185243	49.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.68%
26) 1,2-Dichloroethane-d4	5.05	65	118169	48.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.92%
32) Benzene-d6	5.07	84	348356	47.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.44%
36) 1,2-Dichloropropane-d6	6.09	67	116008	48.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.22%
41) Toluene-d8	7.33	98	317981	48.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.88%
43) trans-1,3-Dichloropropene-	7.64	79	57045	52.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.40%
47) 2-Hexanone-d5	8.11	63	78444	102.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.42%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	157631	50.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.44%
64) 1,2-Dichlorobenzene-d4	11.65	152	142328	49.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	92944	44.540	ug/L 100
3) Chloromethane	1.25	50	104153	42.966	ug/L 99
5) Vinyl chloride	1.32	62	109976	45.790	ug/L 99
6) Bromomethane	1.53	94	66211	46.126	ug/L 98
8) Chloroethane	1.60	64	71938	46.928	ug/L 100
9) Trichlorofluoromethane	1.77	101	163066	47.530	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	96847	50.557	ug/L 97
12) 1,1-Dichloroethene	2.13	96	88254	48.675	ug/L 96
13) Acetone	2.19	43	135487	97.113	ug/L 98
14) Carbon disulfide	2.31	76	229541	45.998	ug/L 100
15) Methyl Acetate	2.44	43	104728	46.515	ug/L 99
16) Methylene chloride	2.52	84	108871	47.132	ug/L 97
17) trans-1,2-Dichloroethene	2.78	96	91776	49.242	ug/L 99
18) Methyl tert-butyl Ether	2.78	73	311465	50.531	ug/L 99
19) 1,1-Dichloroethane	3.21	63	187420	50.010	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	104313	50.931	ug/L 97
22) 2-Butanone	3.99	43	162804	104.019	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	55442	51.818	ug/L	95
25) Chloroform	4.40	83	194766	50.953	ug/L	100
27) 1,2-Dichloroethane	5.15	62	150309	49.403	ug/L	98
29) Cyclohexane	4.70	56	151271	47.317	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	162752	50.139	ug/L	98
31) Carbon tetrachloride	4.85	117	141346	52.307	ug/L	98
33) Benzene	5.12	78	403917	49.288	ug/L	100
34) Trichloroethene	5.94	95	106067	48.964	ug/L	99
35) Methylcyclohexane	6.15	83	155813	48.373	ug/L	99
37) 1,2-Dichloropropane	6.19	63	109248	48.883	ug/L	100
38) Bromodichloromethane	6.53	83	144872	52.187	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	169280	53.430	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	280024	95.847	ug/L	99
42) Toluene	7.41	91	432731	50.603	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	167629	55.764	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	104336	50.411	ug/L	99
46) Tetrachloroethene	7.99	164	82486	51.921	ug/L	99
48) 2-Hexanone	8.15	43	225382	95.666	ug/L	99
49) Dibromochloromethane	8.26	129	114726	56.790	ug/L	100
50) 1,2-Dibromoethane	8.37	107	107039	49.986	ug/L	97
51) Chlorobenzene	8.90	112	279739	50.863	ug/L	99
52) Ethylbenzene	9.03	91	479544	51.431	ug/L	99
53) m,p-Xylene	9.16	106	181267	52.857	ug/L	97
54) o-xylene	9.56	106	174502	51.491	ug/L	98
55) Styrene	9.58	104	312770	53.892	ug/L	100
56) Isopropylbenzene	9.95	105	473784	52.993	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	158035	49.034	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	132784	48.108	ug/L	100
61) Bromoform	9.75	173	84073	60.446	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	232945	49.834	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	240235	50.029	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	236938	49.247	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	33556	47.337	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	188617	53.118	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	172880	55.376	ug/L	99
69) Naphthalene	13.52	128	442160	51.385	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	172230	54.248	ug/L	99

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

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