

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092120\
 Data File : VV018360.D
 Acq On : 21 Sep 2020 10:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05081

Quant Time: Sep 22 04:30:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 21 14:56:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	280150	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	279564	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	155238	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	98621	43.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.40%
7) Chloroethane-d5	1.58	69	81476	43.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.22%
11) 1,1-Dichloroethene-d2	2.12	63	192982	46.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.16%
21) 2-Butanone-d5	3.91	46	124598	89.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.16%
24) Chloroform-d	4.37	84	181690	45.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.74%
26) 1,2-Dichloroethane-d4	5.05	65	116743	45.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.96%
32) Benzene-d6	5.07	84	362412	45.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.56%
36) 1,2-Dichloropropane-d6	6.09	67	113157	44.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.00%
41) Toluene-d8	7.34	98	334944	45.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.84%
43) trans-1,3-Dichloropropene-	7.64	79	59409	45.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.94%
47) 2-Hexanone-d5	8.11	63	89232	92.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.64%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	148544	46.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.08%
64) 1,2-Dichlorobenzene-d4	11.65	152	140286	44.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	99778	48.843	ug/L 99
3) Chloromethane	1.25	50	108465	48.625	ug/L 99
5) Vinyl chloride	1.32	62	111846	48.896	ug/L 99
6) Bromomethane	1.53	94	71337	51.024	ug/L 98
8) Chloroethane	1.60	64	70996	49.547	ug/L 99
9) Trichlorofluoromethane	1.76	101	159678	50.736	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	97958	51.817	ug/L 100
12) 1,1-Dichloroethene	2.13	96	91503	49.745	ug/L 99
13) Acetone	2.19	43	139217	124.411	ug/L 97
14) Carbon disulfide	2.31	76	271827	48.294	ug/L 100
15) Methyl Acetate	2.44	43	99195	49.326	ug/L 99
16) Methylene chloride	2.52	84	102681	49.773	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	94836	50.027	ug/L 98
18) Methyl tert-butyl Ether	2.78	73	296976	50.643	ug/L 99
19) 1,1-Dichloroethane	3.21	63	179476	50.074	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	102236	50.450	ug/L 95
22) 2-Butanone	3.99	43	157819	119.102	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	54159	51.081	ug/L	97
25) Chloroform	4.40	83	182081	49.976	ug/L	99
27) 1,2-Dichloroethane	5.15	62	143601	50.913	ug/L	98
29) Cyclohexane	4.70	56	162192	50.242	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	160211	49.380	ug/L	99
31) Carbon tetrachloride	4.85	117	141866	49.728	ug/L	98
33) Benzene	5.12	78	397765	49.764	ug/L	100
34) Trichloroethene	5.94	95	104322	47.911	ug/L	98
35) Methylcyclohexane	6.15	83	166971	50.930	ug/L	100
37) 1,2-Dichloropropane	6.20	63	106665	50.360	ug/L	99
38) Bromodichloromethane	6.53	83	138233	50.151	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	163651	50.147	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	259464	100.976	ug/L	100
42) Toluene	7.41	91	428948	50.710	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	161335	50.775	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	99009	50.433	ug/L	98
46) Tetrachloroethene	8.00	164	85546	50.108	ug/L	99
48) 2-Hexanone	8.16	43	219786	108.494	ug/L	100
49) Dibromochloromethane	8.27	129	110593	50.187	ug/L	100
50) 1,2-Dibromoethane	8.37	107	103317	50.005	ug/L	99
51) Chlorobenzene	8.90	112	275313	50.117	ug/L	100
52) Ethylbenzene	9.03	91	471963	51.106	ug/L	100
53) m,p-Xylene	9.16	106	178809	51.874	ug/L	97
54) o-xylene	9.56	106	172347	51.899	ug/L	100
55) Styrene	9.58	104	306987	53.186	ug/L	99
56) Isopropylbenzene	9.95	105	467579	52.245	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	150065	51.675	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	125706	50.459	ug/L	99
61) Bromoform	9.75	173	82831	49.668	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	232965	50.468	ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	238401	50.245	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	230035	49.302	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	34182	51.915	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	183022	50.293	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	167385	51.652	ug/L	100
69) Naphthalene	13.52	128	465259	56.740	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	170164	53.313	ug/L	100

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

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