

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061020\
 Data File : VV016783.D
 Acq On : 10 Jun 2020 20:48
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05080

Quant Time: Jun 11 01:10:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 11 01:04:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	357774	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	344996	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	183808	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	117137	46.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.80%
7) Chloroethane-d5	1.56	69	77372	51.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.16%
11) 1,1-Dichloroethene-d2	2.12	63	199208	46.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.98%
21) 2-Butanone-d5	3.89	46	175618	93.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.99%
24) Chloroform-d	4.37	84	245799	47.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.76%
26) 1,2-Dichloroethane-d4	5.05	65	165480	47.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.78%
32) Benzene-d6	5.07	84	465096	46.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.54%
36) 1,2-Dichloropropane-d6	6.09	67	141850	45.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.52%
41) Toluene-d8	7.34	98	425440	46.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.24%
43) trans-1,3-Dichloropropene-	7.64	79	73207	45.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.68%
47) 2-Hexanone-d5	8.11	63	123815	91.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.61%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	197929	48.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.46%
64) 1,2-Dichlorobenzene-d4	11.65	152	184069	46.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.86%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.13	85	137938	48.630	ug/L 99
3) Chloromethane	1.25	50	136076	52.459	ug/L 100
5) Vinyl chloride	1.32	62	117268	45.972	ug/L 98
6) Bromomethane	1.51	94	45136	42.485	ug/L 98
8) Chloroethane	1.58	64	65055	51.629	ug/L 100
9) Trichlorofluoromethane	1.75	101	185883	48.695	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	88338	46.441	ug/L 99
12) 1,1-Dichloroethene	2.13	96	82381	46.393	ug/L 97
13) Acetone	2.17	43	102479	83.241	ug/L 99
14) Carbon disulfide	2.30	76	294722	45.841	ug/L 100
15) Methyl Acetate	2.44	43	135894	49.525	ug/L 99
16) Methylene chloride	2.52	84	124999	47.971	ug/L 99
17) trans-1,2-Dichloroethene	2.77	96	114448	47.271	ug/L 97
18) Methyl tert-butyl Ether	2.78	73	397785	49.585	ug/L 99
19) 1,1-Dichloroethane	3.21	63	220489	48.381	ug/L 98
20) cis-1,2-Dichloroethene	3.93	96	130698	49.516	ug/L 96
22) 2-Butanone	3.98	43	187859	98.953	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	68108	48.983	ug/L	96
25) Chloroform	4.40	83	232347	49.608	ug/L	96
27) 1,2-Dichloroethane	5.15	62	199234	50.745	ug/L	100
29) Cyclohexane	4.70	56	196207	45.767	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	211525	48.077	ug/L	99
31) Carbon tetrachloride	4.85	117	183856	48.305	ug/L	100
33) Benzene	5.12	78	479105	46.937	ug/L	100
34) Trichloroethene	5.94	95	127709	46.650	ug/L	99
35) Methylcyclohexane	6.15	83	192794	44.891	ug/L	99
37) 1,2-Dichloropropane	6.20	63	123684	46.594	ug/L	99
38) Bromodichloromethane	6.53	83	172353	48.774	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	196675	47.697	ug/L	98
40) 4-Methyl-2-pentanone	7.24	43	383561	101.970	ug/L	100
42) Toluene	7.41	91	516096	47.962	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	193240	48.205	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	123697	48.300	ug/L	98
46) Tetrachloroethene	8.00	164	100804	46.819	ug/L	98
48) 2-Hexanone	8.16	43	302349	103.667	ug/L	98
49) Dibromochloromethane	8.27	129	134094	48.970	ug/L	100
50) 1,2-Dibromoethane	8.37	107	131454	49.015	ug/L	100
51) Chlorobenzene	8.90	112	339290	48.329	ug/L	98
52) Ethylbenzene	9.03	91	584788	49.065	ug/L	100
53) m,p-Xylene	9.16	106	215062	48.462	ug/L	99
54) o-xylene	9.56	106	215285	49.189	ug/L	99
55) Styrene	9.58	104	376941	50.940	ug/L	98
56) Isopropylbenzene	9.95	105	584356	49.689	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	199652	50.846	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	165846	50.355	ug/L	99
61) Bromoform	9.75	173	91657	48.480	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	280400	48.164	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	285155	48.140	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	289546	49.628	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	46933	51.160	ug/L	95
67) 1,3,5-Trichlorobenzene	12.67	180	210786	48.554	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	191199	48.016	ug/L	99
69) Naphthalene	13.52	128	582229	50.831	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	189472	48.630	ug/L	99

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

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