

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
 Data File : VV016872.D
 Acq On : 12 Jun 2020 11:59
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05086

Quant Time: Jun 13 01:38:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 12 05:55:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	328006	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	315447	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	169567	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	103348	44.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.30%
7) Chloroethane-d5	1.56	69	71092	51.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.38%
11) 1,1-Dichloroethene-d2	2.12	63	185466	47.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.44%
21) 2-Butanone-d5	3.89	46	168646	98.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.45%
24) Chloroform-d	4.37	84	228801	48.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.24%
26) 1,2-Dichloroethane-d4	5.05	65	160216	50.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.10%
32) Benzene-d6	5.07	84	422801	46.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.09	67	131347	46.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.68%
41) Toluene-d8	7.33	98	397387	47.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.24%
43) trans-1,3-Dichloropropene-	7.64	79	65127	44.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.24%
47) 2-Hexanone-d5	8.11	63	113589	91.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.92%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	181773	48.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.88%
64) 1,2-Dichlorobenzene-d4	11.65	152	174656	48.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.52%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.13	85	127283	48.946	ug/L 99
3) Chloromethane	1.25	50	118154	49.684	ug/L 96
5) Vinyl chloride	1.32	62	106349	45.475	ug/L 99
6) Bromomethane	1.51	94	43992	45.166	ug/L 96
8) Chloroethane	1.58	64	59244	51.285	ug/L 98
9) Trichlorofluoromethane	1.75	101	172747	49.361	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	81617	46.801	ug/L 99
12) 1,1-Dichloroethene	2.13	96	77420	47.556	ug/L 96
13) Acetone	2.17	43	98861	87.590	ug/L 98
14) Carbon disulfide	2.30	76	259373	44.004	ug/L 99
15) Methyl Acetate	2.44	43	129199	51.358	ug/L 100
16) Methylene chloride	2.52	84	120014	50.238	ug/L 99
17) trans-1,2-Dichloroethene	2.77	96	107087	48.244	ug/L 97
18) Methyl tert-butyl Ether	2.78	73	384169	52.233	ug/L 99
19) 1,1-Dichloroethane	3.20	63	204751	49.005	ug/L 98
20) cis-1,2-Dichloroethene	3.93	96	120025	49.599	ug/L 98
22) 2-Butanone	3.97	43	175153	100.633	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	65346	51.262	ug/L	98
25) Chloroform	4.40	83	220755	51.411	ug/L	97
27) 1,2-Dichloroethane	5.15	62	189630	52.682	ug/L	97
29) Cyclohexane	4.70	56	171452	43.739	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	198747	49.404	ug/L	99
31) Carbon tetrachloride	4.85	117	172502	49.567	ug/L	99
33) Benzene	5.12	78	441580	47.313	ug/L	100
34) Trichloroethene	5.93	95	121063	48.365	ug/L	97
35) Methylcyclohexane	6.15	83	170935	43.530	ug/L	100
37) 1,2-Dichloropropane	6.19	63	116975	48.194	ug/L	99
38) Bromodichloromethane	6.53	83	162821	50.393	ug/L	96
39) cis-1,3-Dichloropropene	7.05	75	171612	45.518	ug/L	97
40) 4-Methyl-2-pentanone	7.24	43	365647	106.313	ug/L	99
42) Toluene	7.41	91	482132	49.003	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	173334	47.289	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	120319	51.382	ug/L	96
46) Tetrachloroethene	7.99	164	92390	46.931	ug/L	98
48) 2-Hexanone	8.16	43	284744	106.776	ug/L	98
49) Dibromochloromethane	8.27	129	131183	52.395	ug/L	99
50) 1,2-Dibromoethane	8.37	107	125648	51.239	ug/L	97
51) Chlorobenzene	8.90	112	315583	49.163	ug/L	100
52) Ethylbenzene	9.03	91	536773	49.255	ug/L	99
53) m,p-Xylene	9.16	106	201133	49.569	ug/L	98
54) o-xylene	9.56	106	204417	51.081	ug/L	98
55) Styrene	9.58	104	351226	51.911	ug/L	99
56) Isopropylbenzene	9.95	105	544369	50.625	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	180942	50.397	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	158482	52.626	ug/L	99
61) Bromoform	9.75	173	88685	50.847	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	267954	49.891	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	268469	49.129	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	277025	51.470	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	42530	50.254	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	195819	48.895	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	179803	48.947	ug/L	99
69) Naphthalene	13.53	128	563724	53.349	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	182631	50.811	ug/L	98

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

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