

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121718\
 Data File : VV009008.D
 Acq On : 18 Dec 2018 02:53
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05063

Quant Time: Dec 18 03:44:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 18 03:36:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	204708	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	190225	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	96200	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55330	46.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.56%
7) Chloroethane-d5	1.56	69	44190	58.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.48%
11) 1,1-Dichloroethene-d2	2.13	63	144031	51.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.04%
21) 2-Butanone-d5	3.93	46	92158	115.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.46%
24) Chloroform-d	4.41	84	127100	49.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.66%
26) 1,2-Dichloroethane-d4	5.08	65	81649	50.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.50%
32) Benzene-d6	5.10	84	251644	49.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.18%
36) 1,2-Dichloropropane-d6	6.12	67	76196	49.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.94%
41) Toluene-d8	7.36	98	242164	50.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.66%
43) trans-1,3-Dichloropropene-	7.67	79	38177	48.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.74%
47) 2-Hexanone-d5	8.13	63	67103	117.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.70%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	104359	52.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.94%
64) 1,2-Dichlorobenzene-d4	11.68	152	99487	50.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.28%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	69035	48.013	ug/L 99
3) Chloromethane	1.25	50	61555	51.021	ug/L 96
5) Vinyl chloride	1.33	62	64535	51.213	ug/L 100
6) Bromomethane	1.52	94	29103	43.165	ug/L 99
8) Chloroethane	1.58	64	43647	67.904	ug/L 98
9) Trichlorofluoromethane	1.76	101	123675	54.166	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	68973	49.367	ug/L 95
12) 1,1-Dichloroethene	2.14	96	62429	49.115	ug/L 92
13) Acetone	2.19	43	95257	79.365	ug/L 99
14) Carbon disulfide	2.32	76	172479	49.693	ug/L 100
15) Methyl Acetate	2.46	43	70690	54.419	ug/L 98
16) Methylene chloride	2.54	84	72712	51.373	ug/L 100
17) trans-1,2-Dichloroethene	2.79	96	64967	50.506	ug/L 98
18) Methyl tert-butyl Ether	2.81	73	216053	52.763	ug/L 99
19) 1,1-Dichloroethane	3.23	63	120505	53.068	ug/L 98
20) cis-1,2-Dichloroethene	3.97	96	76289	51.697	ug/L 97
22) 2-Butanone	4.02	43	96629	95.897	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	39551	51.210	ug/L	98
25) Chloroform	4.43	83	129831	51.286	ug/L	97
27) 1,2-Dichloroethane	5.18	62	101238	51.471	ug/L	100
29) Cyclohexane	4.73	56	100559	49.628	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	115733	49.653	ug/L	100
31) Carbon tetrachloride	4.88	117	102800	48.847	ug/L	98
33) Benzene	5.15	78	269743	51.443	ug/L	100
34) Trichloroethene	5.96	95	78418	51.805	ug/L	98
35) Methylcyclohexane	6.18	83	113789	50.691	ug/L	98
37) 1,2-Dichloropropane	6.23	63	70537	52.032	ug/L	99
38) Bromodichloromethane	6.56	83	95324	50.811	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	109602	50.697	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	177821	113.539	ug/L	99
42) Toluene	7.43	91	295545	52.754	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	99867	49.558	ug/L	96
45) 1,1,2-Trichloroethane	7.88	97	72856	53.074	ug/L	99
46) Tetrachloroethene	8.02	164	59637	49.476	ug/L	94
48) 2-Hexanone	8.18	43	131187	100.581	ug/L	94
49) Dibromochloromethane	8.29	129	80986	50.765	ug/L	99
50) 1,2-Dibromoethane	8.40	107	78826	53.723	ug/L	99
51) Chlorobenzene	8.93	112	196216	51.257	ug/L	98
52) Ethylbenzene	9.06	91	323638	52.349	ug/L	99
53) m,p-Xylene	9.18	106	125763	53.345	ug/L	100
54) o-xylene	9.59	106	123737	53.064	ug/L	99
55) Styrene	9.61	104	210838	54.688	ug/L	99
56) Isopropylbenzene	9.98	105	327162	53.154	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	107121	53.120	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	93264	54.629	ug/L	99
61) Bromoform	9.78	173	57474	46.501	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	154216	50.007	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	153849	49.544	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	161757	51.658	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	21981	51.351	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	101260	50.948	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	68945	50.573	ug/L	99
69) Naphthalene	13.56	128	163074	47.840	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	70351	51.243	ug/L	98

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

