

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031219\
 Data File : VV009629.D
 Acq On : 13 Mar 2019 01:23
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05079

Quant Time: Mar 13 02:29:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 13 02:20:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	169700	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	173538	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	81031	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51731	51.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.02%
7) Chloroethane-d5	1.58	69	50595	48.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.13	63	135237	51.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.08%
21) 2-Butanone-d5	3.93	46	75880	102.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.23%
24) Chloroform-d	4.40	84	114728	52.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.58%
26) 1,2-Dichloroethane-d4	5.08	65	75836	52.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.48%
32) Benzene-d6	5.10	84	222649	49.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.68%
36) 1,2-Dichloropropane-d6	6.12	67	68881	51.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.10%
41) Toluene-d8	7.36	98	218479	49.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.40%
43) trans-1,3-Dichloropropene-	7.67	79	34330	49.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.52%
47) 2-Hexanone-d5	8.13	63	53757	91.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.09%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	102603	47.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.68%
64) 1,2-Dichlorobenzene-d4	11.68	152	85245	49.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.74%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	58121	54.160	ug/L 100
3) Chloromethane	1.25	50	57661	56.252	ug/L 94
5) Vinyl chloride	1.32	62	62428	57.118	ug/L 100
6) Bromomethane	1.53	94	46543	49.924	ug/L 100
8) Chloroethane	1.60	64	44510	52.291	ug/L 97
9) Trichlorofluoromethane	1.77	101	125727	54.258	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	68064	52.974	ug/L 99
12) 1,1-Dichloroethene	2.14	96	61422	55.880	ug/L 97
13) Acetone	2.19	43	47220	60.363	ug/L 99
14) Carbon disulfide	2.32	76	146526	53.435	ug/L 99
15) Methyl Acetate	2.46	43	54473	53.733	ug/L 99
16) Methylene chloride	2.54	84	59905	56.000	ug/L 97
17) trans-1,2-Dichloroethene	2.79	96	54623	54.492	ug/L 98
18) Methyl tert-butyl Ether	2.81	73	175528	54.485	ug/L 99
19) 1,1-Dichloroethane	3.23	63	102251	55.162	ug/L 99
20) cis-1,2-Dichloroethene	3.96	96	64770	55.548	ug/L 100
22) 2-Butanone	4.01	43	76776	90.430	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	31639	53.771	ug/L	98
25) Chloroform	4.43	83	114648	55.175	ug/L	93
27) 1,2-Dichloroethane	5.18	62	90438	55.550	ug/L	98
29) Cyclohexane	4.73	56	89880	53.206	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	100778	54.935	ug/L	100
31) Carbon tetrachloride	4.88	117	82906	54.155	ug/L	98
33) Benzene	5.15	78	240412	55.198	ug/L	100
34) Trichloroethene	5.96	95	63253	54.413	ug/L	99
35) Methylcyclohexane	6.18	83	98209	52.225	ug/L	98
37) 1,2-Dichloropropane	6.22	63	60518	54.515	ug/L	100
38) Bromodichloromethane	6.56	83	84427	53.931	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	94680	53.509	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	149370	100.108	ug/L	100
42) Toluene	7.43	91	265792	53.542	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	87088	52.418	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	62655	54.720	ug/L	95
46) Tetrachloroethene	8.02	164	48251	52.796	ug/L	98
48) 2-Hexanone	8.18	43	110697	93.104	ug/L	98
49) Dibromochloromethane	8.29	129	68383	53.661	ug/L	100
50) 1,2-Dibromoethane	8.40	107	63940	52.718	ug/L	96
51) Chlorobenzene	8.93	112	174009	52.215	ug/L	98
52) Ethylbenzene	9.06	91	300356	53.409	ug/L	99
53) m,p-Xylene	9.18	106	114626	53.204	ug/L	93
54) o-Xylene	9.59	106	113905	52.378	ug/L	99
55) Styrene	9.61	104	187576	53.237	ug/L	96
56) Isopropylbenzene	9.98	105	299554	52.903	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	100657	49.725	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	76362	50.732	ug/L	97
61) Bromoform	9.78	173	43559	47.676	ug/L	96
62) 1,3-Dichlorobenzene	11.23	146	128228	52.050	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	129018	53.132	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	131994	52.295	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	19353	50.729	ug/L	95
67) 1,3,5-Trichlorobenzene	12.69	180	84558	52.955	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	64844	58.671	ug/L	98
69) Naphthalene	13.55	128	173102	55.625	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	67705	58.151	ug/L	98

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

