

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031719\
 Data File : VV009747.D
 Acq On : 16 Mar 2019 23:18
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05083

Quant Time: Mar 18 07:47:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 18 07:41:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	143756	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	145598	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	67977	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48154	49.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.36%
7) Chloroethane-d5	1.55	69	36354	50.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.68%
11) 1,1-Dichloroethene-d2	2.12	63	100396	48.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.28%
21) 2-Butanone-d5	3.93	46	60214	104.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.30%
24) Chloroform-d	4.40	84	89008	49.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.98%
26) 1,2-Dichloroethane-d4	5.08	65	54744	50.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.30%
32) Benzene-d6	5.10	84	183810	48.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.62%
36) 1,2-Dichloropropane-d6	6.12	67	55342	47.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.56%
41) Toluene-d8	7.36	98	177550	48.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	7.66	79	25475	46.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.02%
47) 2-Hexanone-d5	8.14	63	46030	97.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.64%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	87048	49.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.08%
64) 1,2-Dichlorobenzene-d4	11.67	152	69801	50.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.50%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	51554	48.415	ug/L 99
3) Chloromethane	1.25	50	49174	49.485	ug/L 98
5) Vinyl chloride	1.32	62	54176	50.768	ug/L 99
6) Bromomethane	1.51	94	26602	46.809	ug/L 98
8) Chloroethane	1.57	64	32127	49.525	ug/L 93
9) Trichlorofluoromethane	1.75	101	87828	49.154	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	47068	47.598	ug/L 99
12) 1,1-Dichloroethene	2.13	96	41713	48.671	ug/L 97
13) Acetone	2.19	43	38476	70.363	ug/L 98
14) Carbon disulfide	2.31	76	119986	48.010	ug/L 98
15) Methyl Acetate	2.46	43	42727	46.334	ug/L 99
16) Methylene chloride	2.53	84	49444	49.657	ug/L 96
17) trans-1,2-Dichloroethene	2.79	96	45557	49.632	ug/L 95
18) Methyl tert-butyl Ether	2.80	73	144681	49.870	ug/L 99
19) 1,1-Dichloroethane	3.23	63	78976	49.056	ug/L 98
20) cis-1,2-Dichloroethene	3.96	96	53140	50.564	ug/L 100
22) 2-Butanone	4.02	43	61762	89.497	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	26395	49.625	ug/L	95
25) Chloroform	4.42	83	88650	49.942	ug/L	100
27) 1,2-Dichloroethane	5.18	62	64274	48.664	ug/L	100
29) Cyclohexane	4.72	56	70758	45.410	ug/L	98
30) 1,1,1-Trichloroethane	4.66	97	75745	47.803	ug/L	98
31) Carbon tetrachloride	4.87	117	61830	47.234	ug/L	97
33) Benzene	5.15	78	192965	48.558	ug/L	100
34) Trichloroethene	5.96	95	48855	47.166	ug/L	94
35) Methylcyclohexane	6.17	83	76808	45.058	ug/L	98
37) 1,2-Dichloropropane	6.22	63	49054	48.405	ug/L	99
38) Bromodichloromethane	6.56	83	62555	46.974	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	72440	46.794	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	126665	95.190	ug/L	100
42) Toluene	7.43	91	217965	49.216	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	68093	46.449	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	51145	48.790	ug/L	96
46) Tetrachloroethene	8.02	164	39821	46.053	ug/L	98
48) 2-Hexanone	8.19	43	93449	94.345	ug/L	98
49) Dibromochloromethane	8.29	129	54831	48.758	ug/L	95
50) 1,2-Dibromoethane	8.40	107	53372	48.830	ug/L #	98
51) Chlorobenzene	8.93	112	141940	47.735	ug/L	98
52) Ethylbenzene	9.06	91	244176	48.611	ug/L	99
53) m,p-Xylene	9.18	106	92448	47.640	ug/L	94
54) o-Xylene	9.59	106	96556	49.480	ug/L	99
55) Styrene	9.61	104	153802	48.355	ug/L	93
56) Isopropylbenzene	9.98	105	240099	47.283	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	87716	48.152	ug/L	94
59) 1,2,3-Trichloropropane	10.32	75	65145	48.857	ug/L	100
61) Bromoform	9.78	173	38175	47.244	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	107195	48.067	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	105654	46.960	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	108688	47.764	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	14975	47.379	ug/L	99
67) 1,3,5-Trichlorobenzene	12.69	180	69476	48.986	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	52362	52.675	ug/L	98
69) Naphthalene	13.55	128	140565	49.416	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	54218	54.406	ug/L	99

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

