

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090518\
 Data File : VV007405.D
 Acq On : 06 Sep 2018 00:33
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05069

Quant Time: Sep 06 01:47:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 06 01:44:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	504616	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	504999	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	249736	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	188167	52.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.42%
7) Chloroethane-d5	1.56	69	144185	61.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	122.14%
11) 1,1-Dichloroethene-d2	2.13	63	322544	50.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.60%
21) 2-Butanone-d5	3.95	46	271876	92.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.73%
24) Chloroform-d	4.40	84	391639	52.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.06%
26) 1,2-Dichloroethane-d4	5.09	65	238042	52.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.84%
32) Benzene-d6	5.10	84	774489	50.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.78%
36) 1,2-Dichloropropane-d6	6.12	67	255905	50.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.34%
41) Toluene-d8	7.36	98	715288	54.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.18%
43) trans-1,3-Dichloropropene-	7.67	79	97692	44.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.94%
47) 2-Hexanone-d5	8.14	63	205637	102.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.85%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	376053	53.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.96%
64) 1,2-Dichlorobenzene-d4	11.68	152	283906	52.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.78%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.14	85	208296	52.01	ug/L	99
3) Chloromethane	1.26	50	243648	57.35	ug/L	99
5) Vinyl chloride	1.32	62	221478	51.42	ug/L	99
6) Bromomethane	1.51	94	90495	43.60	ug/L	100
8) Chloroethane	1.58	64	128018	57.92	ug/L	99
9) Trichlorofluoromethane	1.76	101	280793	51.50	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	171289	50.60	ug/L	99
12) 1,1-Dichloroethene	2.13	96	162088	50.79	ug/L	94
13) Acetone	2.20	43	166371	95.29	ug/L	99
14) Carbon disulfide	2.31	76	444887	49.20	ug/L	99
15) Methyl Acetate	2.46	43	193431	50.86	ug/L	97
16) Methylene chloride	2.53	84	194247	51.18	ug/L	100
17) trans-1,2-Dichloroethene	2.79	96	174557	50.14	ug/L	98
18) Methyl tert-butyl Ether	2.81	73	565422	51.86	ug/L	99
19) 1,1-Dichloroethane	3.23	63	341610	47.38	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	202740	50.61	ug/L	99
22) 2-Butanone	4.04	43	300660	102.83	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	107902	51.48	ug/L	98
25) Chloroform	4.43	83	367756	51.82	ug/L	99
27) 1,2-Dichloroethane	5.19	62	276441	52.02	ug/L	99
29) Cyclohexane	4.72	56	269893	48.21	ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	302657	49.08	ug/L	99
31) Carbon tetrachloride	4.87	117	259708	48.65	ug/L	99
33) Benzene	5.15	78	823672	50.99	ug/L	100
34) Trichloroethene	5.96	95	187209	47.48	ug/L	100
35) Methylcyclohexane	6.18	83	285671	48.58	ug/L	99
37) 1,2-Dichloropropane	6.23	63	224665	50.61	ug/L	100
38) Bromodichloromethane	6.56	83	267831	49.41	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	258188	43.31	ug/L	100
40) 4-Methyl-2-pentanone	7.29	43	549069	107.07	ug/L	100
42) Toluene	7.44	91	839570	54.03	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	252179	45.24	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	211229	50.42	ug/L	99
46) Tetrachloroethene	8.02	164	157517	49.68	ug/L	96
48) 2-Hexanone	8.19	43	445239	111.33	ug/L	99
49) Dibromochloromethane	8.30	129	218451	50.83	ug/L	99
50) 1,2-Dibromoethane	8.40	107	205941	50.33	ug/L	100
51) Chlorobenzene	8.93	112	538714	51.34	ug/L	99
52) Ethylbenzene	9.06	91	840566	53.34	ug/L	99
53) m,p-Xylene	9.19	106	326612	54.14	ug/L	97
54) o-xylene	9.59	106	319009	54.38	ug/L	99
55) Styrene	9.61	104	593921	58.44	ug/L	99
56) Isopropylbenzene	9.98	105	809704	54.57	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	359633	54.27	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	281699	53.36	ug/L	99
61) Bromoform	9.78	173	158905	46.72	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	374388	49.35	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	411382	50.56	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	443209	52.26	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	68928	47.94	ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	279377	47.99	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	216686	48.05	ug/L	99
69) Naphthalene	13.56	128	618618	47.52	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	255320	51.23	ug/L	99

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

