

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102518\
 Data File : VV008408.D
 Acq On : 25 Oct 2018 13:59
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05077

Quant Time: Oct 25 23:17:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 25 08:48:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	211883	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	196814	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	91891	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46020	39.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.46%
7) Chloroethane-d5	1.57	69	37467	44.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.46%
11) 1,1-Dichloroethene-d2	2.13	63	93530	44.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.28%
21) 2-Butanone-d5	3.93	46	122333	95.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.95%
24) Chloroform-d	4.40	84	134418	46.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.92%
26) 1,2-Dichloroethane-d4	5.08	65	87928	45.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.90%
32) Benzene-d6	5.10	84	252847	45.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.16%
36) 1,2-Dichloropropane-d6	6.12	67	88462	45.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.88%
41) Toluene-d8	7.36	98	230456	45.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.50%
43) trans-1,3-Dichloropropene-	7.66	79	44812	47.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.76%
47) 2-Hexanone-d5	8.13	63	94213	92.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.68%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	124512	47.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.44%
64) 1,2-Dichlorobenzene-d4	11.68	152	87323	46.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.92%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	78577	51.934	ug/L 99
3) Chloromethane	1.25	50	82340	50.804	ug/L 100
5) Vinyl chloride	1.33	62	77732	51.761	ug/L 96
6) Bromomethane	1.51	94	21476	52.119	ug/L 97
8) Chloroethane	1.59	64	42414	53.760	ug/L 95
9) Trichlorofluoromethane	1.76	101	98847	51.143	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	53235	52.722	ug/L 99
12) 1,1-Dichloroethene	2.14	96	48350	50.858	ug/L 98
13) Acetone	2.19	43	109883	111.049	ug/L 99
14) Carbon disulfide	2.32	76	218979	51.141	ug/L 100
15) Methyl Acetate	2.46	43	94576	47.929	ug/L 100
16) Methylene chloride	2.54	84	83238	50.554	ug/L 98
17) trans-1,2-Dichloroethene	2.79	96	74479	51.395	ug/L 99
18) Methyl tert-butyl Ether	2.81	73	264734	51.039	ug/L 99
19) 1,1-Dichloroethane	3.23	63	151220	50.596	ug/L 99
20) cis-1,2-Dichloroethene	3.96	96	85504	51.790	ug/L 95
22) 2-Butanone	4.02	43	152898	106.957	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	39214	50.363	ug/L	98
25) Chloroform	4.43	83	151591	51.956	ug/L	100
27) 1,2-Dichloroethane	5.18	62	121256	49.756	ug/L	99
29) Cyclohexane	4.73	56	145294	50.703	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	130741	51.225	ug/L	99
31) Carbon tetrachloride	4.88	117	110785	51.149	ug/L	99
33) Benzene	5.15	78	328475	51.057	ug/L	100
34) Trichloroethene	5.96	95	84258	51.156	ug/L	98
35) Methylcyclohexane	6.18	83	145990	52.134	ug/L	99
37) 1,2-Dichloropropane	6.22	63	91246	51.355	ug/L	100
38) Bromodichloromethane	6.56	83	115654	51.081	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	146356	52.394	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	255674	97.173	ug/L	100
42) Toluene	7.43	91	346097	51.791	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	136304	52.157	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	78967	50.266	ug/L	99
46) Tetrachloroethene	8.02	164	58305	54.300	ug/L	99
48) 2-Hexanone	8.18	43	198712	97.876	ug/L	97
49) Dibromochloromethane	8.29	129	88691	52.535	ug/L	99
50) 1,2-Dibromoethane	8.40	107	83700	50.788	ug/L	99
51) Chlorobenzene	8.93	112	217951	52.968	ug/L	98
52) Ethylbenzene	9.06	91	396160	52.923	ug/L	99
53) m,p-Xylene	9.18	106	147467	53.923	ug/L	98
54) o-xylene	9.59	106	143101	52.402	ug/L	98
55) Styrene	9.60	104	243596	52.940	ug/L	100
56) Isopropylbenzene	9.98	105	384484	53.810	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	136567	49.635	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	111379	50.019	ug/L	99
61) Bromoform	9.78	173	60090	51.825	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	161491	53.155	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	161274	52.964	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	162623	52.491	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	31043	48.739	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	110383	55.642	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	88118	54.903	ug/L	99
69) Naphthalene	13.56	128	254699	49.075	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	84848	52.897	ug/L	99

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

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ALS Vial  : 2      Sample Multiplier: 1
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