

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102418\
 Data File : VV008388.D
 Acq On : 24 Oct 2018 12:46
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05074

Quant Time: Oct 25 08:48:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 24 02:41:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	198676	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	183780	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	85474	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50386	45.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.62%
7) Chloroethane-d5	1.57	69	38475	48.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.88%
11) 1,1-Dichloroethene-d2	2.13	63	94347	47.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.98%
21) 2-Butanone-d5	3.93	46	113931	95.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.30%
24) Chloroform-d	4.41	84	127419	46.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.92%
26) 1,2-Dichloroethane-d4	5.08	65	83846	46.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.44%
32) Benzene-d6	5.10	84	248637	47.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.96%
36) 1,2-Dichloropropane-d6	6.12	67	84473	46.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.94%
41) Toluene-d8	7.36	98	228320	48.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.02%
43) trans-1,3-Dichloropropene-	7.67	79	42424	48.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.08%
47) 2-Hexanone-d5	8.14	63	90520	95.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.36%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	118702	48.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.42%
64) 1,2-Dichlorobenzene-d4	11.68	152	83575	47.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	69019	48.650 ug/L	99
3) Chloromethane	1.25	50	74348	48.922 ug/L	97
5) Vinyl chloride	1.33	62	68187	48.423 ug/L	97
6) Bromomethane	1.52	94	19364	50.117 ug/L	98
8) Chloroethane	1.59	64	38698	52.310 ug/L	94
9) Trichlorofluoromethane	1.77	101	88805	49.002 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	48398	51.118 ug/L	98
12) 1,1-Dichloroethene	2.14	96	43063	48.308 ug/L	88
13) Acetone	2.19	43	92366	99.551 ug/L	100
14) Carbon disulfide	2.32	76	197044	49.078 ug/L	99
15) Methyl Acetate	2.46	43	85485	46.202 ug/L	100
16) Methylene chloride	2.54	84	73604	47.674 ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	65002	47.837 ug/L	98
18) Methyl tert-butyl Ether	2.81	73	235615	48.445 ug/L	100
19) 1,1-Dichloroethane	3.23	63	133015	47.463 ug/L	98
20) cis-1,2-Dichloroethene	3.96	96	76415	49.361 ug/L	93
22) 2-Butanone	4.02	43	133764	99.792 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	35060	48.021	ug/L	99
25) Chloroform	4.43	83	131178	47.948	ug/L	98
27) 1,2-Dichloroethane	5.18	62	109117	47.751	ug/L	96
29) Cyclohexane	4.73	56	130218	48.665	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	114049	47.854	ug/L	100
31) Carbon tetrachloride	4.88	117	98389	48.647	ug/L	99
33) Benzene	5.15	78	289216	48.143	ug/L	100
34) Trichloroethene	5.96	95	73859	48.022	ug/L	98
35) Methylcyclohexane	6.18	83	130975	50.089	ug/L	100
37) 1,2-Dichloropropane	6.23	63	79766	48.077	ug/L	100
38) Bromodichloromethane	6.56	83	102140	48.312	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	128163	49.135	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	229593	93.449	ug/L	99
42) Toluene	7.43	91	307885	49.340	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	121711	49.876	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	70962	48.374	ug/L	99
46) Tetrachloroethene	8.02	164	51376	51.240	ug/L	98
48) 2-Hexanone	8.19	43	180866	95.404	ug/L	100
49) Dibromochloromethane	8.29	129	77243	48.999	ug/L	99
50) 1,2-Dibromoethane	8.40	107	74519	48.424	ug/L	99
51) Chlorobenzene	8.93	112	191679	49.887	ug/L	100
52) Ethylbenzene	9.06	91	350839	50.192	ug/L	100
53) m,p-Xylene	9.18	106	127542	49.944	ug/L	100
54) o-xylene	9.59	106	127011	49.808	ug/L	99
55) Styrene	9.61	104	215611	50.181	ug/L	100
56) Isopropylbenzene	9.98	105	338665	50.759	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	123411	48.035	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	100781	48.470	ug/L	99
61) Bromoform	9.78	173	53244	49.368	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	140740	49.803	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	141602	49.995	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	141997	49.274	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	27848	47.006	ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	94926	51.443	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	75000	50.238	ug/L	99
69) Naphthalene	13.56	128	224533	46.510	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	73632	49.351	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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