

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092618\
 Data File : VV007888.D
 Acq On : 26 Sep 2018 17:03
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05079

Quant Time: Sep 27 04:56:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 27 04:55:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	191732	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	190719	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	107933	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48847	40.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.28%
7) Chloroethane-d5	1.58	69	46316	44.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.24%
11) 1,1-Dichloroethene-d2	2.14	63	113666	44.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.76%
21) 2-Butanone-d5	3.95	46	107169	132.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	132.30%#
24) Chloroform-d	4.41	84	125794	50.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.78%
26) 1,2-Dichloroethane-d4	5.09	65	86721	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.42%
32) Benzene-d6	5.10	84	234432	45.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.13	67	75835	47.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.82%
41) Toluene-d8	7.36	98	238548	46.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.66%
43) trans-1,3-Dichloropropene-	7.67	79	35625	46.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.56%
47) 2-Hexanone-d5	8.14	63	75785	112.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.20%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	115516	48.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.86%
64) 1,2-Dichlorobenzene-d4	11.68	152	111526	46.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.96%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	69085	49.888	ug/L	100
3) Chloromethane	1.26	50	63013	48.180	ug/L	100
5) Vinyl chloride	1.33	62	69001	49.154	ug/L	97
6) Bromomethane	1.53	94	44115	56.748	ug/L	99
8) Chloroethane	1.60	64	42536	48.580	ug/L	100
9) Trichlorofluoromethane	1.77	101	117384	49.905	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	66652	50.704	ug/L	99
12) 1,1-Dichloroethene	2.14	96	58285	49.408	ug/L	97
13) Acetone	2.19	43	84845	86.944	ug/L	99
14) Carbon disulfide	2.32	76	147765	48.011	ug/L	98
15) Methyl Acetate	2.46	43	75361	52.643	ug/L	100
16) Methylene chloride	2.54	84	65654	50.294	ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	62811	49.907	ug/L	98
18) Methyl tert-butyl Ether	2.81	73	200340	51.090	ug/L	99
19) 1,1-Dichloroethane	3.23	63	110724	51.266	ug/L	99
20) cis-1,2-Dichloroethene	3.97	96	68375	50.140	ug/L	99
22) 2-Butanone	4.04	43	111890	100.059	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	36713	51.745	ug/L	98
25) Chloroform	4.43	83	124269	48.478	ug/L	98
27) 1,2-Dichloroethane	5.19	62	102638	50.519	ug/L	98
29) Cyclohexane	4.73	56	99032	48.555	ug/L	98
30) 1,1,1-Trichloroethane	4.67	97	109150	50.530	ug/L	99
31) Carbon tetrachloride	4.88	117	96554	50.593	ug/L	99
33) Benzene	5.15	78	257345	50.179	ug/L	100
34) Trichloroethene	5.96	95	69276	48.696	ug/L	97
35) Methylcyclohexane	6.18	83	112537	50.423	ug/L	98
37) 1,2-Dichloropropane	6.23	63	68641	50.187	ug/L	99
38) Bromodichloromethane	6.56	83	87667	50.645	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	105572	53.169	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	197762	102.320	ug/L	98
42) Toluene	7.44	91	292257	50.579	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	100814	51.084	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	68264	49.945	ug/L	99
46) Tetrachloroethene	8.02	164	66131	48.376	ug/L	98
48) 2-Hexanone	8.19	43	164760	107.855	ug/L	98
49) Dibromochloromethane	8.30	129	75930	50.807	ug/L	98
50) 1,2-Dibromoethane	8.40	107	75000	51.033	ug/L	100
51) Chlorobenzene	8.93	112	198662	49.672	ug/L	99
52) Ethylbenzene	9.06	91	326586	50.036	ug/L	99
53) m,p-Xylene	9.19	106	125586	50.502	ug/L	100
54) o-xylene	9.59	106	121838	50.437	ug/L	99
55) Styrene	9.61	104	216764	52.389	ug/L	97
56) Isopropylbenzene	9.98	105	332371	50.480	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	113899	50.992	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	91494	50.251	ug/L	99
61) Bromoform	9.78	173	56420	49.569	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	166161	49.203	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	174506	48.626	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	173036	49.376	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	23611	51.493	ug/L	96
67) 1,3,5-Trichlorobenzene	12.70	180	141111	49.563	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	123276	51.319	ug/L	99
69) Naphthalene	13.56	128	326081	55.492	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	125523	51.608	ug/L	100

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

