

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082318\
 Data File : VV007143.D
 Acq On : 23 Aug 2018 16:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05062

Quant Time: Aug 24 01:27:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 01:26:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	539452	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	522751	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	249255	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	154956	45.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.42%
7) Chloroethane-d5	1.56	69	91872	42.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.28%
11) 1,1-Dichloroethene-d2	2.13	63	298056	47.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.96%
21) 2-Butanone-d5	3.96	46	302211	104.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.74%
24) Chloroform-d	4.40	84	359301	49.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.08%
26) 1,2-Dichloroethane-d4	5.09	65	220808	50.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.42%
32) Benzene-d6	5.10	84	707600	48.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.12	67	238068	49.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.08%
41) Toluene-d8	7.36	98	650626	50.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.80%
43) trans-1,3-Dichloropropene-	7.67	79	98438	47.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.68%
47) 2-Hexanone-d5	8.14	63	174627	102.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.18%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	354829	50.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.50%
64) 1,2-Dichlorobenzene-d4	11.68	152	247659	49.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.84%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	236840	48.05	ug/L	99
3) Chloromethane	1.25	50	277390	44.45	ug/L	100
5) Vinyl chloride	1.32	62	253240	49.43	ug/L	100
6) Bromomethane	1.52	94	71119	58.37	ug/L	100
8) Chloroethane	1.58	64	137922	49.52	ug/L	98
9) Trichlorofluoromethane	1.76	101	315075	51.14	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	189245	50.33	ug/L	99
12) 1,1-Dichloroethene	2.14	96	177635	49.47	ug/L	93
13) Acetone	2.20	43	215454	95.19	ug/L	99
14) Carbon disulfide	2.31	76	525945	48.01	ug/L	99
15) Methyl Acetate	2.46	43	212420	51.66	ug/L	100
16) Methylene chloride	2.54	84	202523	49.07	ug/L	100
17) trans-1,2-Dichloroethene	2.79	96	192734	49.49	ug/L	98
18) Methyl tert-butyl Ether	2.81	73	596766	49.93	ug/L	99
19) 1,1-Dichloroethane	3.23	63	400976	50.03	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	220621	48.75	ug/L	99
22) 2-Butanone	4.04	43	367199	102.69	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	116837	50.21	ug/L	97
25) Chloroform	4.43	83	397059	50.52	ug/L	98
27) 1,2-Dichloroethane	5.19	62	298298	50.03	ug/L	99
29) Cyclohexane	4.72	56	320858	48.82	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	330847	49.95	ug/L	100
31) Carbon tetrachloride	4.88	117	280270	50.24	ug/L	99
33) Benzene	5.15	78	901425	50.34	ug/L	100
34) Trichloroethene	5.96	95	208063	49.02	ug/L	97
35) Methylcyclohexane	6.18	83	333452	49.38	ug/L	98
37) 1,2-Dichloropropane	6.23	63	245659	51.71	ug/L	100
38) Bromodichloromethane	6.56	83	283176	49.51	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	311879	48.58	ug/L	97
40) 4-Methyl-2-pentanone	7.29	43	614095	105.87	ug/L	99
42) Toluene	7.44	91	898541	52.05	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	297220	49.69	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	225451	50.54	ug/L	99
46) Tetrachloroethene	8.02	164	170213	49.20	ug/L	97
48) 2-Hexanone	8.20	43	519654	110.60	ug/L	97
49) Dibromochloromethane	8.30	129	222718	49.87	ug/L	99
50) 1,2-Dibromoethane	8.40	107	220144	50.02	ug/L	99
51) Chlorobenzene	8.93	112	565312	49.43	ug/L	99
52) Ethylbenzene	9.06	91	883560	50.50	ug/L	99
53) m,p-Xylene	9.19	106	346160	51.78	ug/L	98
54) o-xylene	9.59	106	331337	50.94	ug/L	100
55) Styrene	9.61	104	599872	53.41	ug/L	99
56) Isopropylbenzene	9.98	105	847040	51.64	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	392516	50.70	ug/L	98
59) 1,2,3-Trichloropropane	10.33	75	314621	50.96	ug/L	99
61) Bromoform	9.78	173	164811	48.73	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	393571	48.63	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	416808	48.64	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	454041	51.04	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	63861	50.58	ug/L	100
67) 1,3,5-Trichlorobenzene	12.70	180	283487	51.46	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	190258	50.88	ug/L	100
69) Naphthalene	13.56	128	497565	48.82	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	219566	53.67	ug/L	100

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

