

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082318\
 Data File : VV007166.D
 Acq On : 24 Aug 2018 02:21
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05063

Quant Time: Aug 24 04:32:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 02:07:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	616545	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	604516	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	297021	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	154995	40.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.00%
7) Chloroethane-d5	1.57	69	138480	55.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.14%
11) 1,1-Dichloroethene-d2	2.13	63	327550	45.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.32%
21) 2-Butanone-d5	3.95	46	325567	98.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.73%
24) Chloroform-d	4.40	84	400357	48.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.09	65	242062	48.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.34%
32) Benzene-d6	5.10	84	784086	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.34%
36) 1,2-Dichloropropane-d6	6.12	67	264199	47.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.08%
41) Toluene-d8	7.36	98	716843	48.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.98%
43) trans-1,3-Dichloropropene-	7.67	79	108578	45.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.26%
47) 2-Hexanone-d5	8.14	63	201262	101.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.84%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	386148	47.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.52%
64) 1,2-Dichlorobenzene-d4	11.68	152	287013	48.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.12%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	275958	48.98	ug/L	100
3) Chloromethane	1.25	50	325646	45.66	ug/L	99
5) Vinyl chloride	1.32	62	288402	49.25	ug/L	99
6) Bromomethane	1.52	94	63834	45.84	ug/L	99
8) Chloroethane	1.58	64	162360	51.00	ug/L	98
9) Trichlorofluoromethane	1.76	101	351034	49.85	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	211169	49.14	ug/L	100
12) 1,1-Dichloroethene	2.14	96	200991	48.97	ug/L	98
13) Acetone	2.19	43	195321	75.51	ug/L	100
14) Carbon disulfide	2.31	76	604838	48.31	ug/L	99
15) Methyl Acetate	2.46	43	234387	49.87	ug/L	100
16) Methylene chloride	2.54	84	233958	49.59	ug/L	100
17) trans-1,2-Dichloroethene	2.79	96	219071	49.22	ug/L	99
18) Methyl tert-butyl Ether	2.81	73	673728	49.32	ug/L	99
19) 1,1-Dichloroethane	3.23	63	453911	49.55	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	265579	51.34	ug/L	97
22) 2-Butanone	4.03	43	381263	93.29	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	131818	49.56	ug/L	95
25) Chloroform	4.43	83	449067	50.00	ug/L	97
27) 1,2-Dichloroethane	5.19	62	342578	50.28	ug/L	99
29) Cyclohexane	4.73	56	357366	47.02	ug/L	98
30) 1,1,1-Trichloroethane	4.66	97	373024	48.70	ug/L	99
31) Carbon tetrachloride	4.88	117	320015	49.60	ug/L	98
33) Benzene	5.15	78	1035350	50.00	ug/L	100
34) Trichloroethene	5.96	95	235582	48.00	ug/L	97
35) Methylcyclohexane	6.18	83	378540	48.47	ug/L	98
37) 1,2-Dichloropropane	6.23	63	270953	49.32	ug/L	100
38) Bromodichloromethane	6.56	83	326263	49.33	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	350177	47.17	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	674908	100.62	ug/L	99
42) Toluene	7.44	91	1038267	52.01	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	332392	48.05	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	252224	48.89	ug/L	98
46) Tetrachloroethene	8.02	164	197992	49.49	ug/L	98
48) 2-Hexanone	8.19	43	565232	104.03	ug/L	97
49) Dibromochloromethane	8.30	129	258878	50.13	ug/L	99
50) 1,2-Dibromoethane	8.40	107	255632	50.23	ug/L	100
51) Chlorobenzene	8.93	112	656559	49.65	ug/L	99
52) Ethylbenzene	9.06	91	1039425	51.37	ug/L	99
53) m,p-Xylene	9.19	106	408903	52.89	ug/L	100
54) o-xylene	9.59	106	388180	51.61	ug/L	100
55) Styrene	9.61	104	709934	54.66	ug/L	99
56) Isopropylbenzene	9.98	105	997480	52.59	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	435948	48.70	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	344124	48.20	ug/L	99
61) Bromoform	9.78	173	189132	46.92	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	466486	48.37	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	506810	49.63	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	533642	50.34	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	72303	48.05	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	350389	53.37	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	251852	56.52	ug/L	99
69) Naphthalene	13.56	128	658490	54.22	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	284346	58.33	ug/L	99

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

