

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121318\
 Data File : VV008908.D
 Acq On : 13 Dec 2018 14:52
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV75

Quant Time: Dec 14 01:01:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 14 00:58:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	211339	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	196132	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	96447	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58301	47.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.48%
7) Chloroethane-d5	1.56	69	43092	55.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.96%
11) 1,1-Dichloroethene-d2	2.13	63	141976	48.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.42%
21) 2-Butanone-d5	3.93	46	85723	104.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.03%
24) Chloroform-d	4.40	84	134754	51.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.34%
26) 1,2-Dichloroethane-d4	5.08	65	85178	50.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.56%
32) Benzene-d6	5.10	84	263120	49.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.56%
36) 1,2-Dichloropropane-d6	6.12	67	79695	50.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.36%
41) Toluene-d8	7.36	98	251221	50.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.28%
43) trans-1,3-Dichloropropene-	7.66	79	43692	54.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.48%
47) 2-Hexanone-d5	8.13	63	65227	110.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.96%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	105942	51.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.32%
64) 1,2-Dichlorobenzene-d4	11.67	152	102924	51.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.48%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	74321	50.068 ug/L	99
3) Chloromethane	1.25	50	61750	49.577 ug/L	99
5) Vinyl chloride	1.33	62	62956	48.392 ug/L	98
6) Bromomethane	1.52	94	28839	41.432 ug/L	95
8) Chloroethane	1.58	64	37243	56.123 ug/L	97
9) Trichlorofluoromethane	1.76	101	114132	48.418 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	72523	50.279 ug/L	99
12) 1,1-Dichloroethene	2.14	96	63463	48.362 ug/L	94
13) Acetone	2.19	43	107338	86.625 ug/L	99
14) Carbon disulfide	2.32	76	176409	49.231 ug/L	99
15) Methyl Acetate	2.46	43	66855	49.851 ug/L	98
16) Methylene chloride	2.53	84	72619	49.697 ug/L	97
17) trans-1,2-Dichloroethene	2.79	96	68054	51.246 ug/L	98
18) Methyl tert-butyl Ether	2.80	73	218814	51.761 ug/L	99
19) 1,1-Dichloroethane	3.23	63	119360	50.914 ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	77583	50.925 ug/L	100
22) 2-Butanone	4.01	43	100950	97.042 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	40320	50.568	ug/L	96
25) Chloroform	4.42	83	127907	48.941	ug/L	95
27) 1,2-Dichloroethane	5.18	62	101195	49.835	ug/L	99
29) Cyclohexane	4.73	56	103236	49.415	ug/L	96
30) 1,1,1-Trichloroethane	4.66	97	118320	49.234	ug/L	99
31) Carbon tetrachloride	4.87	117	108556	50.028	ug/L	99
33) Benzene	5.15	78	271457	50.211	ug/L	100
34) Trichloroethene	5.96	95	78778	50.476	ug/L	97
35) Methylcyclohexane	6.18	83	120448	52.041	ug/L	99
37) 1,2-Dichloropropane	6.22	63	70365	50.342	ug/L	100
38) Bromodichloromethane	6.56	83	97505	50.408	ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	117024	52.499	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	166764	103.273	ug/L	99
42) Toluene	7.43	91	294728	51.024	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	109259	52.585	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	72038	50.898	ug/L	97
46) Tetrachloroethene	8.02	164	63409	51.021	ug/L	97
48) 2-Hexanone	8.18	43	128384	95.467	ug/L	96
49) Dibromochloromethane	8.29	129	88289	53.676	ug/L	96
50) 1,2-Dibromoethane	8.40	107	77156	51.001	ug/L	100
51) Chlorobenzene	8.93	112	200089	50.695	ug/L	100
52) Ethylbenzene	9.05	91	330459	51.843	ug/L	100
53) m,p-Xylene	9.18	106	125717	51.720	ug/L	99
54) o-xylene	9.59	106	125382	52.151	ug/L	98
55) Styrene	9.60	104	215277	54.158	ug/L	98
56) Isopropylbenzene	9.97	105	336034	52.951	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	106363	51.156	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	90096	51.184	ug/L	99
61) Bromoform	9.78	173	60615	48.917	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	160533	51.922	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	161998	52.035	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	165329	52.664	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	22800	53.127	ug/L	98
67) 1,3,5-Trichlorobenzene	12.69	180	115943	58.186	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	82907	60.658	ug/L	100
69) Naphthalene	13.55	128	180339	52.770	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	84087	61.092	ug/L	98

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

