

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
 Data File : VV008578.D
 Acq On : 16 Nov 2018 11:54
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05075

Quant Time: Nov 17 03:19:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 16 23:18:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	287370	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	257076	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	123330	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88080	47.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.18%
7) Chloroethane-d5	1.57	69	60753	47.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.62%
11) 1,1-Dichloroethene-d2	2.13	63	152176	46.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.42%
21) 2-Butanone-d5	3.93	46	160204	98.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.66%
24) Chloroform-d	4.40	84	201246	48.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.38%
26) 1,2-Dichloroethane-d4	5.08	65	128796	47.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.70%
32) Benzene-d6	5.10	84	404992	48.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.88%
36) 1,2-Dichloropropane-d6	6.12	67	128238	47.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.40%
41) Toluene-d8	7.36	98	364941	48.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.98%
43) trans-1,3-Dichloropropene-	7.66	79	61624	47.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.98%
47) 2-Hexanone-d5	8.13	63	119656	104.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.23%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	175515	51.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.34%
64) 1,2-Dichlorobenzene-d4	11.68	152	135401	48.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.22%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	105900	47.460 ug/L	100
3) Chloromethane	1.25	50	101939	51.819 ug/L	100
5) Vinyl chloride	1.33	62	97897	50.320 ug/L	97
6) Bromomethane	1.52	94	30559	47.603 ug/L	96
8) Chloroethane	1.58	64	52108	49.055 ug/L	96
9) Trichlorofluoromethane	1.76	101	127093	47.490 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	70762	46.282 ug/L	99
12) 1,1-Dichloroethene	2.14	96	67970	49.782 ug/L	84
13) Acetone	2.19	43	87514	71.481 ug/L	98
14) Carbon disulfide	2.32	76	266331	47.666 ug/L	99
15) Methyl Acetate	2.46	43	117722	48.988 ug/L	99
16) Methylene chloride	2.53	84	106209	48.507 ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	95437	48.775 ug/L	98
18) Methyl tert-butyl Ether	2.80	73	337343	50.201 ug/L	100
19) 1,1-Dichloroethane	3.23	63	186538	49.848 ug/L	98
20) cis-1,2-Dichloroethene	3.96	96	109621	49.285 ug/L	97
22) 2-Butanone	4.01	43	157444	88.735 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	53299	50.657	ug/L	96
25) Chloroform	4.43	83	193425	46.045	ug/L	97
27) 1,2-Dichloroethane	5.18	62	149132	49.137	ug/L	99
29) Cyclohexane	4.73	56	176807	48.033	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	164416	49.908	ug/L	99
31) Carbon tetrachloride	4.88	117	142502	50.013	ug/L	98
33) Benzene	5.15	78	410945	49.778	ug/L	100
34) Trichloroethene	5.96	95	105594	48.810	ug/L	97
35) Methylcyclohexane	6.18	83	176964	48.041	ug/L	96
37) 1,2-Dichloropropane	6.22	63	111817	50.077	ug/L	100
38) Bromodichloromethane	6.56	83	138982	49.442	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	165835	48.621	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	307752	102.684	ug/L	99
42) Toluene	7.43	91	427005	49.769	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	151066	48.203	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	99956	50.021	ug/L	99
46) Tetrachloroethene	8.02	164	76557	49.365	ug/L	97
48) 2-Hexanone	8.18	43	224285	97.381	ug/L	99
49) Dibromochloromethane	8.29	129	108856	51.460	ug/L	99
50) 1,2-Dibromoethane	8.40	107	105728	50.663	ug/L	99
51) Chlorobenzene	8.93	112	268430	50.066	ug/L	99
52) Ethylbenzene	9.06	91	476453	50.435	ug/L	99
53) m,p-Xylene	9.18	106	176443	51.034	ug/L	97
54) o-xylene	9.59	106	173896	50.747	ug/L	99
55) Styrene	9.60	104	286742	51.148	ug/L	98
56) Isopropylbenzene	9.98	105	463539	51.386	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	166933	51.527	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	135003	50.844	ug/L	98
61) Bromoform	9.78	173	73178	48.929	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	200766	49.075	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	199288	48.612	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	208603	49.856	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	35345	47.282	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	141555	50.499	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	117906	53.039	ug/L	99
69) Naphthalene	13.55	128	362099	55.629	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	119021	53.184	ug/L	100

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

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