

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112718\
 Data File : VV008726.D
 Acq On : 27 Nov 2018 10:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05080

Quant Time: Nov 28 02:07:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 27 03:11:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	268573	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	242923	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	114503	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	91931	48.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.04%
7) Chloroethane-d5	1.57	69	65201	62.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	125.98%
11) 1,1-Dichloroethene-d2	2.13	63	166827	53.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.70%
21) 2-Butanone-d5	3.94	46	149939	97.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.09%
24) Chloroform-d	4.41	84	201729	52.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.14%
26) 1,2-Dichloroethane-d4	5.08	65	126831	51.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.34%
32) Benzene-d6	5.10	84	417745	55.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.56%
36) 1,2-Dichloropropane-d6	6.12	67	127663	54.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.10%
41) Toluene-d8	7.36	98	380942	56.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.34%
43) trans-1,3-Dichloropropene-	7.67	79	59930	56.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	113.44%
47) 2-Hexanone-d5	8.14	63	104257	97.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.61%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	159204	49.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.82%
64) 1,2-Dichlorobenzene-d4	11.68	152	132093	52.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.70%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	108145	49.72	ug/L	97
3) Chloromethane	1.25	50	96612	45.86	ug/L	96
5) Vinyl chloride	1.33	62	97824	47.83	ug/L	100
6) Bromomethane	1.52	94	36998	53.61	ug/L	99
8) Chloroethane	1.59	64	53514	52.23	ug/L	95
9) Trichlorofluoromethane	1.77	101	142898	54.30	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	82777	54.49	ug/L	97
12) 1,1-Dichloroethene	2.14	96	73273	53.73	ug/L	87
13) Acetone	2.20	43	164638	107.74	ug/L	99
14) Carbon disulfide	2.32	76	263031	49.53	ug/L	99
15) Methyl Acetate	2.46	43	114847	47.66	ug/L	98
16) Methylene chloride	2.54	84	106564	50.46	ug/L	96
17) trans-1,2-Dichloroethene	2.79	96	97953	51.79	ug/L	96
18) Methyl tert-butyl Ether	2.81	73	319806	50.91	ug/L	99
19) 1,1-Dichloroethane	3.23	63	187525	51.68	ug/L	97
20) cis-1,2-Dichloroethene	3.96	96	112540	52.04	ug/L	87
22) 2-Butanone	4.02	43	195346	100.96	ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	55323	53.12	ug/L	84
25) Chloroform	4.43	83	189679	50.23	ug/L	94
27) 1,2-Dichloroethane	5.18	62	149349	51.05	ug/L	100
29) Cyclohexane	4.73	56	172014	52.27	ug/L #	100
30) 1,1,1-Trichloroethane	4.66	97	167002	55.63	ug/L	95
31) Carbon tetrachloride	4.88	117	144348	57.82	ug/L	98
33) Benzene	5.15	78	419178	53.67	ug/L	100
34) Trichloroethene	5.96	95	109364	52.84	ug/L	87
35) Methylcyclohexane	6.18	83	185078	54.16	ug/L	97
37) 1,2-Dichloropropane	6.22	63	106856	50.66	ug/L #	94
38) Bromodichloromethane	6.56	83	134644	53.26	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	162587	54.23	ug/L	94
40) 4-Methyl-2-pentanone	7.28	43	281824	95.13	ug/L #	93
42) Toluene	7.43	91	436647	53.76	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	152131	55.78	ug/L	93
45) 1,1,2-Trichloroethane	7.88	97	103048	53.53	ug/L	93
46) Tetrachloroethene	8.02	164	85470	57.17	ug/L	95
48) 2-Hexanone	8.19	43	234873	101.13	ug/L	96
49) Dibromochloromethane	8.29	129	107201	56.06	ug/L	94
50) 1,2-Dibromoethane	8.40	107	108457	54.10	ug/L #	99
51) Chlorobenzene	8.93	112	280622	54.31	ug/L	93
52) Ethylbenzene	9.06	91	469128	52.65	ug/L	97
53) m,p-Xylene	9.18	106	177776	54.29	ug/L	90
54) o-xylene	9.59	106	174804	53.69	ug/L	96
55) Styrene	9.60	104	295688	54.45	ug/L	98
56) Isopropylbenzene	9.98	105	466082	54.44	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.29	83	155348	47.70	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	128252	48.00	ug/L	100
61) Bromoform	9.78	173	71842	57.14	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	202654	52.82	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	206543	52.82	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	209312	52.85	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.48	75	31418	48.99	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	144760	54.19	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	113126	55.81	ug/L	98
69) Naphthalene	13.55	128	278876	48.32	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	114941	55.14	ug/L	96

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

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