

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112718\
 Data File : VV008729.D
 Acq On : 27 Nov 2018 12:25
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05061

Quant Time: Nov 28 02:12:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 28 02:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	245673	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	230551	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	111127	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	75709	43.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.36%
7) Chloroethane-d5	1.57	69	57790	61.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	122.08%
11) 1,1-Dichloroethene-d2	2.13	63	131620	46.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.02%
21) 2-Butanone-d5	3.93	46	141149	99.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.92%
24) Chloroform-d	4.40	84	174600	49.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.48%
26) 1,2-Dichloroethane-d4	5.08	65	112185	49.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.92%
32) Benzene-d6	5.10	84	353843	49.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.68%
36) 1,2-Dichloropropane-d6	6.12	67	113003	50.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.82%
41) Toluene-d8	7.36	98	325482	50.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.12%
43) trans-1,3-Dichloropropene-	7.66	79	53039	52.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.80%
47) 2-Hexanone-d5	8.13	63	99379	98.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.04%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	155175	50.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.50%
64) 1,2-Dichlorobenzene-d4	11.68	152	124953	51.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.02%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	89177	44.82	ug/L	97
3) Chloromethane	1.25	50	93148	48.34	ug/L	97
5) Vinyl chloride	1.33	62	84154	44.98	ug/L	99
6) Bromomethane	1.52	94	33729	53.43	ug/L	98
8) Chloroethane	1.59	64	49037	52.32	ug/L	97
9) Trichlorofluoromethane	1.76	101	117684	48.88	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	67808	48.79	ug/L	98
12) 1,1-Dichloroethene	2.14	96	61280	49.13	ug/L	88
13) Acetone	2.19	43	124316	88.94	ug/L	99
14) Carbon disulfide	2.32	76	214499	44.16	ug/L	99
15) Methyl Acetate	2.46	43	111699	50.68	ug/L	99
16) Methylene chloride	2.54	84	99343	51.42	ug/L	93
17) trans-1,2-Dichloroethene	2.79	96	86319	49.89	ug/L	94
18) Methyl tert-butyl Ether	2.80	73	303769	52.87	ug/L	98
19) 1,1-Dichloroethane	3.23	63	166489	50.16	ug/L	97
20) cis-1,2-Dichloroethene	3.96	96	101679	51.40	ug/L	88
22) 2-Butanone	4.01	43	166431	94.03	ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.30	128	52211	54.81	ug/L	89
25) Chloroform	4.43	83	172014	49.79	ug/L	94
27) 1,2-Dichloroethane	5.18	62	136811	51.12	ug/L	100
29) Cyclohexane	4.73	56	141807	45.40	ug/L #	100
30) 1,1,1-Trichloroethane	4.66	97	140749	49.40	ug/L	96
31) Carbon tetrachloride	4.88	117	115755	48.86	ug/L	97
33) Benzene	5.15	78	375002	50.59	ug/L	100
34) Trichloroethene	5.96	95	95345	48.54	ug/L	86
35) Methylcyclohexane	6.18	83	150286	46.33	ug/L	98
37) 1,2-Dichloropropane	6.22	63	103105	51.50	ug/L #	93
38) Bromodichloromethane	6.56	83	123794	51.60	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	146826	51.60	ug/L	95
40) 4-Methyl-2-pentanone	7.27	43	277796	98.81	ug/L	93
42) Toluene	7.43	91	388055	50.34	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	141212	54.56	ug/L	94
45) 1,1,2-Trichloroethane	7.88	97	98069	53.68	ug/L	95
46) Tetrachloroethene	8.02	164	72483	51.09	ug/L	98
48) 2-Hexanone	8.18	43	211296	95.86	ug/L	96
49) Dibromochloromethane	8.29	129	101651	56.01	ug/L	93
50) 1,2-Dibromoethane	8.40	107	103750	54.53	ug/L #	98
51) Chlorobenzene	8.93	112	260012	53.02	ug/L	92
52) Ethylbenzene	9.06	91	427447	50.54	ug/L	99
53) m,p-Xylene	9.18	106	163083	52.48	ug/L	88
54) o-xylene	9.59	106	161718	52.33	ug/L	95
55) Styrene	9.60	104	276744	53.70	ug/L	98
56) Isopropylbenzene	9.98	105	414964	51.07	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.29	83	161191	52.15	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	131121	51.71	ug/L	98
61) Bromoform	9.78	173	68669	56.27	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	193716	52.02	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	193382	50.96	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	202373	52.65	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.48	75	31575	50.73	ug/L	99
67) 1,3,5-Trichlorobenzene	12.69	180	134242	51.78	ug/L	97
68) 1,2,4-trichlorobenzene	13.32	180	94170	47.87	ug/L	98
69) Naphthalene	13.56	128	234047	41.78	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	98662	48.77	ug/L	97

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

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