

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112018\
 Data File : VV008687.D
 Acq On : 20 Nov 2018 21:01
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05075

Quant Time: Nov 20 21:22:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 20 13:18:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	259641	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	237956	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	107956	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76107	41.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.10%
7) Chloroethane-d5	1.57	69	38310	38.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.58%
11) 1,1-Dichloroethene-d2	2.13	63	138412	45.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.56%
21) 2-Butanone-d5	3.94	46	136742	91.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.59%
24) Chloroform-d	4.41	84	168685	45.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.94%
26) 1,2-Dichloroethane-d4	5.08	65	107184	45.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.34%
32) Benzene-d6	5.10	84	345677	46.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.12	67	108132	46.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.46%
41) Toluene-d8	7.36	98	310988	46.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.62%
43) trans-1,3-Dichloropropene-	7.67	79	46737	45.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.32%
47) 2-Hexanone-d5	8.13	63	98726	94.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.37%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	141781	44.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.86%
64) 1,2-Dichlorobenzene-d4	11.68	152	110400	46.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.70%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	100941	48.00	ug/L	100
3) Chloromethane	1.25	50	94354	46.33	ug/L	100
5) Vinyl chloride	1.32	62	95260	48.17	ug/L	97
6) Bromomethane	1.53	94	32554	48.80	ug/L	98
8) Chloroethane	1.59	64	47246	47.70	ug/L	97
9) Trichlorofluoromethane	1.77	101	125147	49.19	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	71503	48.69	ug/L	98
12) 1,1-Dichloroethene	2.14	96	65283	49.52	ug/L	94
13) Acetone	2.20	43	102769	69.57	ug/L	100
14) Carbon disulfide	2.32	76	229243	44.66	ug/L	100
15) Methyl Acetate	2.46	43	114076	48.97	ug/L	100
16) Methylene chloride	2.54	84	99360	48.66	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	89390	48.89	ug/L	98
18) Methyl tert-butyl Ether	2.81	73	301518	49.65	ug/L	99
19) 1,1-Dichloroethane	3.23	63	172391	49.15	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	101985	48.78	ug/L	100
22) 2-Butanone	4.02	43	157281	84.08	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	49476	49.14	ug/L	98
25) Chloroform	4.43	83	176855	48.44	ug/L	98
27) 1,2-Dichloroethane	5.18	62	140854	49.80	ug/L	99
29) Cyclohexane	4.73	56	162134	50.05	ug/L	98
30) 1,1,1-Trichloroethane	4.66	97	146799	49.92	ug/L	99
31) Carbon tetrachloride	4.88	117	118278	48.37	ug/L	98
33) Benzene	5.15	78	387780	50.69	ug/L	100
34) Trichloroethene	5.96	95	100463	49.55	ug/L	99
35) Methylcyclohexane	6.18	83	167840	50.14	ug/L	98
37) 1,2-Dichloropropane	6.23	63	105063	50.84	ug/L	100
38) Bromodichloromethane	6.56	83	118782	47.97	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	148517	50.57	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	283401	97.66	ug/L	100
42) Toluene	7.43	91	416977	52.41	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	130493	48.85	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	94120	49.91	ug/L	97
46) Tetrachloroethene	8.02	164	74098	50.60	ug/L	95
48) 2-Hexanone	8.19	43	203790	89.58	ug/L	99
49) Dibromochloromethane	8.29	129	88306	47.14	ug/L	100
50) 1,2-Dibromoethane	8.40	107	97575	49.68	ug/L	99
51) Chlorobenzene	8.93	112	253446	50.07	ug/L	99
52) Ethylbenzene	9.06	91	435231	49.86	ug/L	99
53) m,p-Xylene	9.18	106	162960	50.81	ug/L	97
54) o-xylene	9.59	106	162707	51.01	ug/L	97
55) Styrene	9.61	104	267188	50.23	ug/L	100
56) Isopropylbenzene	9.98	105	428616	51.11	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	148285	46.49	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	125022	47.77	ug/L	98
61) Bromoform	9.78	173	56492	47.65	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	179141	49.52	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	179379	48.66	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	185541	49.69	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	27704	45.82	ug/L	99
67) 1,3,5-Trichlorobenzene	12.69	180	126266	50.13	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	97852	51.20	ug/L	99
69) Naphthalene	13.55	128	280850	51.61	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	101151	51.47	ug/L	99

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

