

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102918\
 Data File : VV008465.D
 Acq On : 29 Oct 2018 19:44
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05062

Quant Time: Oct 30 07:46:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 30 07:40:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	191893	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	180685	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	85218	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47750	44.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.88%
7) Chloroethane-d5	1.56	69	38132	49.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.42%
11) 1,1-Dichloroethene-d2	2.13	63	91143	47.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.00%
21) 2-Butanone-d5	3.94	46	116371	100.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.78%
24) Chloroform-d	4.41	84	130234	49.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.09	65	88024	50.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.48%
32) Benzene-d6	5.11	84	254950	49.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.02%
36) 1,2-Dichloropropane-d6	6.12	67	87659	49.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.10%
41) Toluene-d8	7.36	98	233557	49.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.92%
43) trans-1,3-Dichloropropene-	7.67	79	42982	49.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.00%
47) 2-Hexanone-d5	8.14	63	91381	97.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.92%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	125369	51.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.58%
64) 1,2-Dichlorobenzene-d4	11.68	152	89062	51.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.18%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	66260	48.36	ug/L	99
3) Chloromethane	1.25	50	73416	50.02	ug/L	99
5) Vinyl chloride	1.33	62	67495	49.63	ug/L	96
6) Bromomethane	1.52	94	16934	45.38	ug/L	99
8) Chloroethane	1.58	64	38052	53.26	ug/L	91
9) Trichlorofluoromethane	1.76	101	87145	49.79	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	46685	51.05	ug/L	98
12) 1,1-Dichloroethene	2.14	96	43051	50.00	ug/L	91
13) Acetone	2.19	43	58719	65.52	ug/L	98
14) Carbon disulfide	2.32	76	184551	47.59	ug/L	100
15) Methyl Acetate	2.46	43	85844	48.04	ug/L	100
16) Methylene chloride	2.54	84	73519	49.30	ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	64801	49.37	ug/L	98
18) Methyl tert-butyl Ether	2.81	73	241617	51.43	ug/L	100
19) 1,1-Dichloroethane	3.23	63	136875	50.57	ug/L	99
20) cis-1,2-Dichloroethene	3.97	96	78232	52.32	ug/L	96
22) 2-Butanone	4.02	43	118873	91.82	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	35770	50.73	ug/L	99
25) Chloroform	4.43	83	137884	52.18	ug/L	100
27) 1,2-Dichloroethane	5.19	62	111451	50.50	ug/L	100
29) Cyclohexane	4.73	56	127034	48.29	ug/L	100
30) 1,1,1-Trichloroethane	4.67	97	119624	51.05	ug/L	98
31) Carbon tetrachloride	4.88	117	99220	49.90	ug/L	100
33) Benzene	5.15	78	295657	50.06	ug/L	100
34) Trichloroethene	5.96	95	75114	49.67	ug/L	98
35) Methylcyclohexane	6.18	83	126358	49.15	ug/L	99
37) 1,2-Dichloropropane	6.23	63	81728	50.10	ug/L	99
38) Bromodichloromethane	6.56	83	103916	49.99	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	128025	49.92	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	236473	97.90	ug/L	100
42) Toluene	7.44	91	309003	50.37	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	120959	50.42	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	73648	51.06	ug/L	99
46) Tetrachloroethene	8.02	164	50298	51.02	ug/L	97
48) 2-Hexanone	8.19	43	171588	92.06	ug/L	98
49) Dibromochloromethane	8.29	129	78796	50.84	ug/L	99
50) 1,2-Dibromoethane	8.40	107	76360	50.47	ug/L	98
51) Chlorobenzene	8.93	112	194072	51.37	ug/L	99
52) Ethylbenzene	9.06	91	351661	51.17	ug/L	100
53) m,p-Xylene	9.19	106	130415	51.94	ug/L	100
54) o-xylene	9.59	106	129881	51.81	ug/L	98
55) Styrene	9.61	104	220743	52.26	ug/L	99
56) Isopropylbenzene	9.98	105	342769	52.25	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	130308	51.59	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	104320	51.03	ug/L	100
61) Bromoform	9.78	173	54717	50.89	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	146027	51.83	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	143665	50.88	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	149081	51.89	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	28571	48.37	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	96117	52.24	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	75634	50.81	ug/L	99
69) Naphthalene	13.56	128	227017	47.17	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	76122	51.17	ug/L	99

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

