

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102418\
 Data File : VV008397.D
 Acq On : 24 Oct 2018 17:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05075

Quant Time: Oct 25 08:54:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 25 08:48:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	192797	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	180421	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	87885	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42801	40.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.20%
7) Chloroethane-d5	1.56	69	34736	45.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.14%
11) 1,1-Dichloroethene-d2	2.13	63	85543	44.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.74%
21) 2-Butanone-d5	3.93	46	111452	96.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.07%
24) Chloroform-d	4.41	84	121765	46.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.50%
26) 1,2-Dichloroethane-d4	5.09	65	81359	46.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.44%
32) Benzene-d6	5.10	84	231807	45.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.18%
36) 1,2-Dichloropropane-d6	6.12	67	80789	45.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.54%
41) Toluene-d8	7.36	98	210744	45.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.28%
43) trans-1,3-Dichloropropene-	7.67	79	40120	46.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.54%
47) 2-Hexanone-d5	8.14	63	90636	97.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.26%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	117291	48.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.06%
64) 1,2-Dichlorobenzene-d4	11.68	152	82498	45.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.78%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	67936	49.346	ug/L 100
3) Chloromethane	1.25	50	68650	46.550	ug/L 99
5) Vinyl chloride	1.33	62	67894	49.685	ug/L 96
6) Bromomethane	1.52	94	18454	49.219	ug/L 96
8) Chloroethane	1.58	64	37128	51.718	ug/L 93
9) Trichlorofluoromethane	1.76	101	86583	49.233	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	47228	51.403	ug/L 99
12) 1,1-Dichloroethene	2.14	96	42889	49.580	ug/L 96
13) Acetone	2.19	43	104016	115.526	ug/L 99
14) Carbon disulfide	2.32	76	191028	49.030	ug/L 99
15) Methyl Acetate	2.46	43	84423	47.019	ug/L 99
16) Methylene chloride	2.54	84	72609	48.464	ug/L 98
17) trans-1,2-Dichloroethene	2.79	96	65119	49.384	ug/L 100
18) Methyl tert-butyl Ether	2.81	73	233168	49.404	ug/L 100
19) 1,1-Dichloroethane	3.23	63	133708	49.165	ug/L 99
20) cis-1,2-Dichloroethene	3.96	96	75656	50.361	ug/L 96
22) 2-Butanone	4.02	43	136250	104.747	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	35040	49.458	ug/L	99
25) Chloroform	4.43	83	132076	49.748	ug/L	99
27) 1,2-Dichloroethane	5.18	62	106673	48.105	ug/L	99
29) Cyclohexane	4.73	56	129601	49.336	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	113914	48.687	ug/L	99
31) Carbon tetrachloride	4.88	117	97499	49.105	ug/L	100
33) Benzene	5.15	78	289340	49.060	ug/L	100
34) Trichloroethene	5.96	95	73671	48.792	ug/L	98
35) Methylcyclohexane	6.18	83	130851	50.973	ug/L	99
37) 1,2-Dichloropropane	6.23	63	80263	49.278	ug/L	100
38) Bromodichloromethane	6.56	83	101054	48.688	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	127966	49.973	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	233414	96.773	ug/L	100
42) Toluene	7.43	91	300955	49.127	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	119216	49.763	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	70490	48.947	ug/L	99
46) Tetrachloroethene	8.02	164	50939	51.750	ug/L	98
48) 2-Hexanone	8.19	43	193762	104.109	ug/L	99
49) Dibromochloromethane	8.29	129	75404	48.723	ug/L	100
50) 1,2-Dibromoethane	8.40	107	72766	48.165	ug/L	99
51) Chlorobenzene	8.93	112	186804	49.523	ug/L	100
52) Ethylbenzene	9.06	91	344758	50.241	ug/L	100
53) m,p-Xylene	9.18	106	125996	50.258	ug/L	98
54) o-xylene	9.59	106	125818	50.259	ug/L	99
55) Styrene	9.61	104	214804	50.924	ug/L	97
56) Isopropylbenzene	9.98	105	334343	51.044	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	127289	50.467	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	101214	49.584	ug/L	100
61) Bromoform	9.78	173	52582	47.417	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	145049	49.920	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	143712	49.348	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	147381	49.740	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	28483	46.758	ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	98368	51.846	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	77816	50.694	ug/L	98
69) Naphthalene	13.56	128	228848	46.104	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	76004	49.543	ug/L	99

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

