

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102418\
 Data File : VV008406.D
 Acq On : 24 Oct 2018 21:20
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05076

Quant Time: Oct 25 09:23:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 25 09:16:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	192917	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	180152	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	84796	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42643	39.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.84%
7) Chloroethane-d5	1.56	69	33917	43.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.96%
11) 1,1-Dichloroethene-d2	2.13	63	82917	42.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.96%
21) 2-Butanone-d5	3.94	46	114444	98.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.59%
24) Chloroform-d	4.41	84	120560	45.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.52%
26) 1,2-Dichloroethane-d4	5.09	65	80763	45.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.70%
32) Benzene-d6	5.10	84	230933	44.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.96%
36) 1,2-Dichloropropane-d6	6.12	67	81106	45.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.02%
41) Toluene-d8	7.36	98	210111	45.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.16%
43) trans-1,3-Dichloropropene-	7.67	79	39925	46.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.24%
47) 2-Hexanone-d5	8.14	63	90052	96.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.78%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	117080	48.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.02%
64) 1,2-Dichlorobenzene-d4	11.68	152	79260	45.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.38%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	67280	48.839	ug/L 98
3) Chloromethane	1.25	50	72748	49.298	ug/L 99
5) Vinyl chloride	1.33	62	67726	49.532	ug/L 96
6) Bromomethane	1.52	94	18785	50.070	ug/L 97
8) Chloroethane	1.58	64	38737	53.926	ug/L 95
9) Trichlorofluoromethane	1.76	101	85282	48.463	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	45075	49.030	ug/L 98
12) 1,1-Dichloroethene	2.14	96	42886	49.546	ug/L 97
13) Acetone	2.19	43	72617	80.602	ug/L 100
14) Carbon disulfide	2.32	76	188009	48.225	ug/L 99
15) Methyl Acetate	2.46	43	87946	48.951	ug/L 98
16) Methylene chloride	2.54	84	73685	49.151	ug/L 97
17) trans-1,2-Dichloroethene	2.79	96	64407	48.814	ug/L 99
18) Methyl tert-butyl Ether	2.81	73	236754	50.132	ug/L 100
19) 1,1-Dichloroethane	3.24	63	134211	49.319	ug/L 100
20) cis-1,2-Dichloroethene	3.97	96	76133	50.647	ug/L 95
22) 2-Butanone	4.02	43	123633	94.988	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	35429	49.976	ug/L	98
25) Chloroform	4.43	83	134566	50.655	ug/L	99
27) 1,2-Dichloroethane	5.19	62	108776	49.023	ug/L	100
29) Cyclohexane	4.73	56	127554	48.629	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	113590	48.621	ug/L	99
31) Carbon tetrachloride	4.88	117	95952	48.398	ug/L	99
33) Benzene	5.15	78	290596	49.347	ug/L	100
34) Trichloroethene	5.96	95	73613	48.826	ug/L	98
35) Methylcyclohexane	6.18	83	124368	48.520	ug/L	99
37) 1,2-Dichloropropane	6.23	63	82134	50.502	ug/L	99
38) Bromodichloromethane	6.56	83	102202	49.315	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	123392	48.259	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	237943	98.798	ug/L	100
42) Toluene	7.43	91	304244	49.738	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	117410	49.083	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	71990	50.063	ug/L	98
46) Tetrachloroethene	8.02	164	49272	50.131	ug/L	99
48) 2-Hexanone	8.19	43	180601	97.183	ug/L	99
49) Dibromochloromethane	8.29	129	77040	49.854	ug/L	100
50) 1,2-Dibromoethane	8.40	107	74704	49.522	ug/L	99
51) Chlorobenzene	8.93	112	189585	50.336	ug/L	100
52) Ethylbenzene	9.06	91	345095	50.365	ug/L	99
53) m,p-Xylene	9.18	106	126460	50.518	ug/L	98
54) o-xylene	9.59	106	127168	50.874	ug/L	99
55) Styrene	9.61	104	215016	51.051	ug/L	100
56) Isopropylbenzene	9.98	105	333605	51.007	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	126393	50.186	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	102498	50.288	ug/L	100
61) Bromoform	9.78	173	52433	49.005	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	138745	49.490	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	139889	49.785	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	140861	49.271	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	29020	49.375	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	92186	50.357	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	72769	49.133	ug/L	100
69) Naphthalene	13.56	128	219898	45.914	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	71333	48.192	ug/L	100

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

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