

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV103018\
 Data File : VV008467.D
 Acq On : 30 Oct 2018 14:34
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05063

Quant Time: Oct 31 07:14:05 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	201513	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	185817	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	92572	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46580	41.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.50%
7) Chloroethane-d5	1.56	69	33644	41.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.52%
11) 1,1-Dichloroethene-d2	2.13	63	93098	46.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.40%
21) 2-Butanone-d5	3.93	46	115978	95.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.65%
24) Chloroform-d	4.40	84	131960	47.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.90%
26) 1,2-Dichloroethane-d4	5.08	65	86776	47.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.32%
32) Benzene-d6	5.10	84	247430	46.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.46%
36) 1,2-Dichloropropane-d6	6.12	67	86261	46.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.86%
41) Toluene-d8	7.36	98	225613	46.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.86%
43) trans-1,3-Dichloropropene-	7.67	79	42502	47.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.20%
47) 2-Hexanone-d5	8.14	63	91728	95.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.58%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	126597	50.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.72%
64) 1,2-Dichlorobenzene-d4	11.68	152	89373	47.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	77400	53.789	ug/L 100
3) Chloromethane	1.25	50	80630	52.309	ug/L 99
5) Vinyl chloride	1.33	62	78710	55.109	ug/L 98
6) Bromomethane	1.51	94	20811	53.104	ug/L 99
8) Chloroethane	1.58	64	42958	57.251	ug/L 94
9) Trichlorofluoromethane	1.76	101	103068	56.072	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	56859	59.209	ug/L 100
12) 1,1-Dichloroethene	2.14	96	49897	55.186	ug/L 91
13) Acetone	2.19	43	111952	118.962	ug/L 100
14) Carbon disulfide	2.32	76	214562	52.688	ug/L 99
15) Methyl Acetate	2.46	43	99849	53.206	ug/L 100
16) Methylene chloride	2.54	84	85525	54.616	ug/L 97
17) trans-1,2-Dichloroethene	2.79	96	76923	55.813	ug/L 98
18) Methyl tert-butyl Ether	2.81	73	281467	57.058	ug/L 100
19) 1,1-Dichloroethane	3.23	63	159510	56.116	ug/L 99
20) cis-1,2-Dichloroethene	3.96	96	89898	57.253	ug/L 93
22) 2-Butanone	4.02	43	154477	113.623	ug/L 100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV103018\
 Data File : VV008467.D
 Acq On : 30 Oct 2018 14:34
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05063

Quant Time: Oct 31 07:14:05 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)
23) Bromochloromethane	4.30	128	41574	56.142	uq/L	97
25) Chloroform	4.43	83	158188	57.007	uq/L	97
27) 1,2-Dichloroethane	5.18	62	127567	55.039	uq/L	99
29) Cyclohexane	4.73	56	151579	56.027	uq/L	98
30) 1,1,1-Trichloroethane	4.66	97	137332	56.991	uq/L	99
31) Carbon tetrachloride	4.88	117	117345	57.384	uq/L	100
33) Benzene	5.15	78	339805	55.944	uq/L	100
34) Trichloroethene	5.96	95	87653	56.366	uq/L	98
35) Methylcyclohexane	6.18	83	152180	57.561	uq/L	100
37) 1,2-Dichloropropane	6.22	63	95441	56.895	uq/L	100
38) Bromodichloromethane	6.56	83	122490	57.302	uq/L	100
39) cis-1,3-Dichloropropene	7.07	75	150228	56.963	uq/L	99
40) 4-Methyl-2-pentanone	7.28	43	277368	111.657	uq/L	100
42) Toluene	7.43	91	357050	56.592	uq/L	99
44) trans-1,3-Dichloropropene	7.69	75	142759	57.860	uq/L	99
45) 1,1,2-Trichloroethane	7.88	97	84105	56.705	uq/L	99
46) Tetrachloroethene	8.02	164	60308	59.489	uq/L	98
48) 2-Hexanone	8.19	43	220919	115.254	uq/L	100
49) Dibromochloromethane	8.29	129	92212	57.853	uq/L	99
50) 1,2-Dibromoethane	8.40	107	88094	56.618	uq/L	99
51) Chlorobenzene	8.93	112	224101	57.686	uq/L	99
52) Ethylbenzene	9.06	91	407330	57.635	uq/L	99
53) m,p-Xylene	9.18	106	151302	58.599	uq/L	98
54) o-xylene	9.59	106	149363	57.931	uq/L	99
55) Styrene	9.61	104	259362	59.702	uq/L	98
56) Isopropylbenzene	9.98	105	401221	59.475	uq/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	152621	58.753	uq/L	99
59) 1,2,3-Trichloropropane	10.32	75	123116	58.563	uq/L	100
61) Bromoform	9.78	173	65227	55.841	uq/L	99
62) 1,3-Dichlorobenzene	11.23	146	175848	57.455	uq/L	100
63) 1,4-Dichlorobenzene	11.32	146	176046	57.390	uq/L	99
65) 1,2-Dichlorobenzene	11.69	146	178778	57.281	uq/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	34204	53.307	uq/L	99
67) 1,3,5-Trichlorobenzene	12.70	180	119030	59.559	uq/L	99
68) 1,2,4-trichlorobenzene	13.31	180	94244	58.287	uq/L	99
69) Naphthalene	13.56	128	279224	53.404	uq/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	92405	57.185	uq/L	99

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

