

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102918\
 Data File : VV008445.D
 Acq On : 29 Oct 2018 11:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05061

Quant Time: Oct 30 07:37:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 27 04:42:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	208079	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	194977	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	91532	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56606	49.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.26%
7) Chloroethane-d5	1.57	69	43108	51.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.64%
11) 1,1-Dichloroethene-d2	2.13	63	103925	49.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.88%
21) 2-Butanone-d5	3.93	46	126826	101.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.29%
24) Chloroform-d	4.40	84	147281	51.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.66%
26) 1,2-Dichloroethane-d4	5.08	65	95123	50.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.14%
32) Benzene-d6	5.10	84	283702	51.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.12%
36) 1,2-Dichloropropane-d6	6.12	67	97332	50.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.94%
41) Toluene-d8	7.36	98	263934	52.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.64%
43) trans-1,3-Dichloropropene-	7.66	79	48586	51.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.70%
47) 2-Hexanone-d5	8.13	63	96138	95.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.46%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	132533	50.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.48%
64) 1,2-Dichlorobenzene-d4	11.68	152	96953	51.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.56%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	73511	49.47	ug/L	99
3) Chloromethane	1.25	50	77139	48.46	ug/L	99
5) Vinyl chloride	1.33	62	74491	50.51	ug/L	98
6) Bromomethane	1.52	94	20287	50.13	ug/L	94
8) Chloroethane	1.59	64	39924	51.53	ug/L	93
9) Trichlorofluoromethane	1.76	101	96967	51.09	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	53439	53.89	ug/L	99
12) 1,1-Dichloroethene	2.14	96	48079	51.50	ug/L	94
13) Acetone	2.19	43	97669	100.51	ug/L	100
14) Carbon disulfide	2.32	76	204666	48.67	ug/L	100
15) Methyl Acetate	2.46	43	93374	48.19	ug/L	100
16) Methylene chloride	2.54	84	80331	49.68	ug/L	96
17) trans-1,2-Dichloroethene	2.79	96	71751	50.42	ug/L	98
18) Methyl tert-butyl Ether	2.81	73	261496	51.34	ug/L	99
19) 1,1-Dichloroethane	3.23	63	149146	50.81	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	83675	51.61	ug/L	97
22) 2-Butanone	4.01	43	142250	101.33	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	39649	51.85	ug/L	95
25) Chloroform	4.43	83	147076	51.33	ug/L	99
27) 1,2-Dichloroethane	5.18	62	120038	50.16	ug/L	100
29) Cyclohexane	4.73	56	140985	49.66	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	130592	51.65	ug/L	98
31) Carbon tetrachloride	4.88	117	110895	51.68	ug/L	98
33) Benzene	5.15	78	317394	49.80	ug/L	100
34) Trichloroethene	5.96	95	82038	50.28	ug/L	99
35) Methylcyclohexane	6.18	83	140954	50.81	ug/L	98
37) 1,2-Dichloropropane	6.22	63	88209	50.11	ug/L	100
38) Bromodichloromethane	6.56	83	115313	51.41	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	142580	51.52	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	251637	96.54	ug/L	100
42) Toluene	7.43	91	338350	51.11	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	135754	52.44	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	78997	50.76	ug/L	99
46) Tetrachloroethene	8.02	164	57614	54.16	ug/L	99
48) 2-Hexanone	8.18	43	195241	97.07	ug/L	99
49) Dibromochloromethane	8.29	129	89265	53.37	ug/L	100
50) 1,2-Dibromoethane	8.40	107	82422	50.48	ug/L	99
51) Chlorobenzene	8.93	112	212686	52.18	ug/L	99
52) Ethylbenzene	9.06	91	386544	52.12	ug/L	100
53) m,p-Xylene	9.18	106	141337	52.17	ug/L	97
54) o-xylene	9.59	106	139945	51.73	ug/L	100
55) Styrene	9.60	104	239990	52.65	ug/L	99
56) Isopropylbenzene	9.98	105	376987	53.26	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	137386	50.40	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	109365	49.58	ug/L	100
61) Bromoform	9.78	173	62958	54.51	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	159696	52.77	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	158107	52.13	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	162098	52.53	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	31291	49.32	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	108778	55.05	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	86085	53.85	ug/L	99
69) Naphthalene	13.56	128	246688	47.72	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	84219	52.71	ug/L	99

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

