

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090718\
 Data File : VV007469.D
 Acq On : 07 Sep 2018 18:32
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05075

Quant Time: Sep 08 05:08:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 08 05:06:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	509829	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	509931	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	251580	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	155147	42.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.20%
7) Chloroethane-d5	1.56	69	119986	50.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.13	63	289688	45.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.32%
21) 2-Butanone-d5	3.96	46	230471	77.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.81%
24) Chloroform-d	4.41	84	339932	45.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.26%
26) 1,2-Dichloroethane-d4	5.09	65	206507	45.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.88%
32) Benzene-d6	5.10	84	677046	44.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.10%
36) 1,2-Dichloropropane-d6	6.13	67	220667	42.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.68%
41) Toluene-d8	7.36	98	632098	47.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.56%
43) trans-1,3-Dichloropropene-	7.67	79	96590	44.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.06%
47) 2-Hexanone-d5	8.14	63	166471	82.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.45%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	324433	46.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.24%
64) 1,2-Dichlorobenzene-d4	11.68	152	250267	46.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.58%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	194670	48.11	ug/L	99
3) Chloromethane	1.26	50	226644	52.80	ug/L	100
5) Vinyl chloride	1.32	62	206278	47.40	ug/L	99
6) Bromomethane	1.51	94	84493	40.29	ug/L	99
8) Chloroethane	1.58	64	115171	51.57	ug/L	98
9) Trichlorofluoromethane	1.76	101	259099	47.03	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	162215	47.43	ug/L	100
12) 1,1-Dichloroethene	2.14	96	148788	46.15	ug/L	96
13) Acetone	2.20	43	171833	97.42	ug/L	99
14) Carbon disulfide	2.32	76	404308	44.25	ug/L	99
15) Methyl Acetate	2.46	43	184308	47.97	ug/L	100
16) Methylene chloride	2.54	84	179895	46.92	ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	162032	46.07	ug/L	100
18) Methyl tert-butyl Ether	2.81	73	525781	47.73	ug/L	99
19) 1,1-Dichloroethane	3.23	63	318636	43.74	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	188838	46.65	ug/L	97
22) 2-Butanone	4.04	43	288044	97.50	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	100172	47.30	ug/L	98
25) Chloroform	4.43	83	340570	47.50	ug/L	97
27) 1,2-Dichloroethane	5.19	62	251119	46.77	ug/L	100
29) Cyclohexane	4.72	56	245423	43.41	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	281981	45.28	ug/L	99
31) Carbon tetrachloride	4.87	117	238131	44.18	ug/L	99
33) Benzene	5.15	78	763303	46.80	ug/L	100
34) Trichloroethene	5.96	95	172625	43.35	ug/L	98
35) Methylcyclohexane	6.18	83	265867	44.78	ug/L	98
37) 1,2-Dichloropropane	6.23	63	205920	45.94	ug/L	100
38) Bromodichloromethane	6.56	83	249304	45.55	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	269089	44.71	ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	508322	98.16	ug/L	100
42) Toluene	7.44	91	779693	49.69	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	262210	46.59	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	195930	46.31	ug/L	99
46) Tetrachloroethene	8.02	164	146969	45.90	ug/L	97
48) 2-Hexanone	8.19	43	423797	104.94	ug/L	96
49) Dibromochloromethane	8.30	129	201000	46.32	ug/L	100
50) 1,2-Dibromoethane	8.40	107	191981	46.46	ug/L	97
51) Chlorobenzene	8.93	112	499973	47.19	ug/L	99
52) Ethylbenzene	9.06	91	773447	48.61	ug/L	99
53) m,p-Xylene	9.19	106	302443	49.65	ug/L	99
54) o-xylene	9.59	106	291306	49.17	ug/L	99
55) Styrene	9.61	104	550343	53.63	ug/L	100
56) Isopropylbenzene	9.98	105	743733	49.64	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	336314	50.26	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	268629	50.39	ug/L	99
61) Bromoform	9.78	173	150294	43.87	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	354887	46.43	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	396187	48.33	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	419733	49.13	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	65118	44.95	ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	266981	45.52	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	198690	43.73	ug/L	99
69) Naphthalene	13.56	128	559058	42.63	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	233270	46.46	ug/L	99

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

