

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062918\
 Data File : VV006501.D
 Acq On : 29 Jun 2018 10:43
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00501

Quant Time: Jun 30 02:07:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 29 03:51:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	361633	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	330947	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	159356	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	115964	4.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.60%
7) Chloroethane-d5	1.58	69	97636	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.13	63	202523	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.20%
20) 2-Butanone-d5	3.98	46	227431	51.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.08%
24) Chloroform-d	4.41	84	195858	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.09	65	90568	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.10	84	421519	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.12	67	124557	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.36	98	391323	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	7.67	79	42022	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.14	63	190728	50.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.80%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	74405	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	137719	4.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.00%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.14	85	113803	4.29	ug/L	100
3) Chloromethane	1.26	50	113829	4.19	ug/L	99
5) Vinyl chloride	1.32	62	128416	4.35	ug/L	100
6) Bromomethane	1.54	94	61338	3.59	ug/L	98
8) Chloroethane	1.60	64	84573	4.52	ug/L	99
9) Trichlorofluoromethane	1.77	101	162468	4.58	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	104865	4.71	ug/L	99
12) 1,1-Dichloroethene	2.14	96	97381	4.45	ug/L	98
13) Acetone	2.23	43	135025	49.44	ug/L	99
14) Carbon disulfide	2.32	76	240880	3.90	ug/L	100
15) Methyl Acetate	2.48	43	35505	4.42	ug/L	97
16) Methylene chloride	2.54	84	107803	4.21	ug/L	100
17) Methyl tert-butyl Ether	2.81	73	240333	4.53	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	106575	4.45	ug/L	99
19) 1,1-Dichloroethane	3.23	63	192349	4.51	ug/L	100
21) 2-Butanone	4.06	43	226077	45.80	ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	118012	4.48	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	47714	4.46	ug/L	99
25) Chloroform	4.43	83	196109	4.56	ug/L	99
27) 1,2-Dichloroethane	5.19	62	108050	4.47	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	157981	4.38	ug/L	99
30) Cyclohexane	4.73	56	158815	4.40	ug/L	99
31) Carbon tetrachloride	4.88	117	133095	4.40	ug/L	99
33) Benzene	5.15	78	443413	4.54	ug/L	100
34) Trichloroethene	5.96	95	121963	4.36	ug/L	98
35) Methylcyclohexane	6.18	83	184466	4.54	ug/L	98
37) 1,2-Dichloropropane	6.23	63	110609	4.63	ug/L	100
38) Bromodichloromethane	6.56	83	119483	4.35	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	149115	4.49	ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	527280	45.37	ug/L	100
42) Toluene	7.44	91	469219	4.53	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	114379	4.39	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	76035	4.61	ug/L	99
47) Tetrachloroethene	8.02	164	94450	4.47	ug/L	99
48) 2-Hexanone	8.19	43	385710	46.13	ug/L	98
49) Dibromochloromethane	8.30	129	77367	4.40	ug/L	99
50) 1,2-Dibromoethane	8.40	107	67354	4.54	ug/L	95
51) Chlorobenzene	8.93	112	309271	4.52	ug/L	99
52) Ethylbenzene	9.06	91	509337	4.55	ug/L	99
53) m,p-xylene	9.19	106	196193	4.54	ug/L	100
54) o-xylene	9.59	106	193196	4.56	ug/L	99
55) Styrene	9.61	104	323855	4.67	ug/L	98
56) Isopropylbenzene	9.98	105	507101	4.59	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	69976	4.50	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	59508	4.58	ug/L	100
61) Bromoform	9.78	173	37613	4.21	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	234401	4.47	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	236815	4.51	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	222307	4.53	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	8941	4.28	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	184437	4.62	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	141040	4.82	ug/L	99
69) Naphthalene	13.56	128	197828	4.63	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	130829	4.81	ug/L	100

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

