

Data File : VV006271.D
Acq On : 15 Jun 2018 09:42
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00565

Quant Time: Jun 15 23:43:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 15 04:11:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	349403	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	314970	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	156954	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83205	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.59	69	69673	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.14	63	171563	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.60%
20) 2-Butanone-d5	3.97	46	176912	43.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.32%
24) Chloroform-d	4.41	84	151941	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
26) 1,2-Dichloroethane-d4	5.09	65	73040	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
32) Benzene-d6	5.10	84	317493	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
36) 1,2-Dichloropropane-d6	6.12	67	93617	4.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.20%
41) Toluene-d8	7.36	98	311335	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	7.67	79	38674	3.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.00%
46) 2-Hexanone-d5	8.14	63	162306	36.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.84%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	63229	3.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	114101	4.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	112282	4.220 ug/L	99
3) Chloromethane	1.26	50	107094	4.812 ug/L	99
5) Vinyl chloride	1.32	62	124382	4.616 ug/L	100
6) Bromomethane	1.54	94	62850	4.391 ug/L	94
8) Chloroethane	1.60	64	78171	5.190 ug/L	99
9) Trichlorofluoromethane	1.77	101	172485	4.934 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	108817	5.044 ug/L	99
12) 1,1-Dichloroethene	2.14	96	100098	4.992 ug/L	99
13) Acetone	2.22	43	139922	63.726 ug/L	94
14) Carbon disulfide	2.32	76	281872	4.196 ug/L	99
15) Methyl Acetate	2.47	43	38215	5.848 ug/L	96
16) Methylene chloride	2.54	84	111301	5.028 ug/L	99
17) Methyl tert-butyl Ether	2.81	73	252294	5.085 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	109856	5.022 ug/L	96
19) 1,1-Dichloroethane	3.23	63	183372	4.984 ug/L	99
21) 2-Butanone	4.05	43	214487	53.696 ug/L	95
22) cis-1,2-Dichloroethene	3.97	96	114310	4.829 ug/L #	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	46008	4.845	ug/L	100
25) Chloroform	4.43	83	185406	4.879	ug/L	98
27) 1,2-Dichloroethane	5.19	62	106318	4.873	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	160537	4.614	ug/L	100
30) Cyclohexane	4.73	56	159416	4.454	ug/L	98
31) Carbon tetrachloride	4.88	117	137586	4.483	ug/L	99
33) Benzene	5.15	78	415954	4.790	ug/L	100
34) Trichloroethene	5.96	95	116025	4.895	ug/L	98
35) Methylcyclohexane	6.18	83	187756	4.608	ug/L	99
37) 1,2-Dichloropropane	6.23	63	98919	4.755	ug/L	99
38) Bromodichloromethane	6.56	83	125196	4.519	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	153070	4.514	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	518856	48.220	ug/L	99
42) Toluene	7.43	91	455299	4.750	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	122004	4.436	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	72829	4.946	ug/L	99
47) Tetrachloroethene	8.02	164	93144	4.910	ug/L	99
48) 2-Hexanone	8.19	43	372634	49.275	ug/L	99
49) Dibromochloromethane	8.30	129	82408	4.445	ug/L	99
50) 1,2-Dibromoethane	8.40	107	66997	4.883	ug/L	100
51) Chlorobenzene	8.93	112	302747	4.919	ug/L	99
52) Ethylbenzene	9.06	91	509810	4.774	ug/L	99
53) m,p-xylene	9.19	106	198651	4.768	ug/L	99
54) o-xylene	9.59	106	194811	4.782	ug/L	99
55) Styrene	9.61	104	318023	4.745	ug/L	99
56) Isopropylbenzene	9.98	105	520748	4.854	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	73565	4.362	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	58267	4.971	ug/L	99
61) Bromoform	9.78	173	42688	4.008	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	235894	4.771	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	235646	4.818	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	219695	4.815	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	11277	3.761	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	187576	4.929	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	146610	4.982	ug/L	98
69) Naphthalene	13.56	128	225702	4.558	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	134090	4.960	ug/L	100

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

