

Data File : VV006310.D
Acq On : 16 Jun 2018 05:26
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00567

Quant Time: Jun 16 06:24:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 16 00:57:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	312434	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	284777	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	135816	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	84845	4.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.40%
7) Chloroethane-d5	1.58	69	71241	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.13	63	161191	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.20%
20) 2-Butanone-d5	3.98	46	197303	54.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.92%
24) Chloroform-d	4.41	84	162645	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.09	65	78745	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.10	84	329234	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.12	67	98389	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.36	98	314741	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloropropene-	7.67	79	34568	3.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.00%
46) 2-Hexanone-d5	8.14	63	177401	44.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.26%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	70826	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	119301	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	93122	3.914 ug/L	99
3) Chloromethane	1.26	50	103583	5.205 ug/L	99
5) Vinyl chloride	1.32	62	117464	4.875 ug/L	100
6) Bromomethane	1.54	94	66867	5.224 ug/L	95
8) Chloroethane	1.60	64	72851	5.409 ug/L	99
9) Trichlorofluoromethane	1.77	101	151910	4.859 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	88948	4.610 ug/L	98
12) 1,1-Dichloroethene	2.14	96	90925	5.071 ug/L	93
13) Acetone	2.22	43	123845	63.078 ug/L	94
14) Carbon disulfide	2.32	76	226646	3.773 ug/L	99
15) Methyl Acetate	2.47	43	35280	6.038 ug/L	97
16) Methylene chloride	2.54	84	99737	5.039 ug/L	98
17) Methyl tert-butyl Ether	2.81	73	231539	5.219 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	99193	5.071 ug/L	98
19) 1,1-Dichloroethane	3.23	63	169709	5.158 ug/L	99
21) 2-Butanone	4.06	43	197209	55.212 ug/L	94
22) cis-1,2-Dichloroethene	3.97	96	106106	5.013 ug/L #	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	42906	5.053	ug/L	97
25) Chloroform	4.44	83	174110	5.124	ug/L	100
27) 1,2-Dichloroethane	5.19	62	100245	5.138	ug/L	99
29) 1,1,1-Trichloroethane	4.67	97	145867	4.636	ug/L	99
30) Cyclohexane	4.73	56	130560	4.035	ug/L	99
31) Carbon tetrachloride	4.88	117	119773	4.316	ug/L	99
33) Benzene	5.15	78	391358	4.985	ug/L	100
34) Trichloroethene	5.96	95	105211	4.909	ug/L	97
35) Methylcyclohexane	6.18	83	142297	3.863	ug/L	97
37) 1,2-Dichloropropane	6.23	63	93035	4.946	ug/L	100
38) Bromodichloromethane	6.56	83	108945	4.349	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	129356	4.219	ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	482517	49.597	ug/L	99
42) Toluene	7.44	91	422900	4.880	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	101120	4.066	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	68376	5.136	ug/L	99
47) Tetrachloroethene	8.02	164	83211	4.851	ug/L	97
48) 2-Hexanone	8.19	43	346865	50.730	ug/L	98
49) Dibromochloromethane	8.30	129	70785	4.223	ug/L	97
50) 1,2-Dibromoethane	8.40	107	61951	4.994	ug/L	99
51) Chlorobenzene	8.93	112	280264	5.037	ug/L	98
52) Ethylbenzene	9.06	91	467211	4.839	ug/L	99
53) m,p-xylene	9.19	106	183363	4.868	ug/L	98
54) o-xylene	9.59	106	180732	4.906	ug/L	100
55) Styrene	9.61	104	297029	4.902	ug/L	97
56) Isopropylbenzene	9.98	105	468213	4.827	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	71118	4.664	ug/L	99
59) 1,2,3-Trichloropropane	10.33	75	54230	5.117	ug/L	98
61) Bromoform	9.78	173	34280	3.720	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	216442	5.058	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	216030	5.104	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	205923	5.216	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	9456	3.645	ug/L	96
67) 1,3,5-Trichlorobenzene	12.70	180	165226	5.017	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	131031	5.145	ug/L	99
69) Naphthalene	13.56	128	206729	4.825	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	122826	5.250	ug/L	99

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

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