

Data File : VV006290.D
Acq On : 15 Jun 2018 19:14
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00566

Quant Time: Jun 15 23:53:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 15 23:47:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	317967	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	288716	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	140462	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85063	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.58	69	70198	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.13	63	164520	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.40%
20) 2-Butanone-d5	3.98	46	194476	52.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.48%
24) Chloroform-d	4.41	84	160771	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.09	65	78997	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.10	84	330940	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.12	67	97790	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.36	98	315984	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	7.67	79	37737	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.14	63	176937	43.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.82%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	69117	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	121909	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	98937	4.086 ug/L	99
3) Chloromethane	1.26	50	98246	4.851 ug/L	99
5) Vinyl chloride	1.32	62	115293	4.701 ug/L	99
6) Bromomethane	1.54	94	54476	4.182 ug/L	98
8) Chloroethane	1.60	64	72203	5.267 ug/L	99
9) Trichlorofluoromethane	1.77	101	154200	4.847 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	95857	4.882 ug/L	99
12) 1,1-Dichloroethene	2.14	96	89864	4.925 ug/L	91
13) Acetone	2.23	43	125833	62.975 ug/L	94
14) Carbon disulfide	2.32	76	232088	3.797 ug/L	99
15) Methyl Acetate	2.48	43	34308	5.769 ug/L	98
16) Methylene chloride	2.54	84	98936	4.911 ug/L	99
17) Methyl tert-butyl Ether	2.82	73	229395	5.081 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	98860	4.966 ug/L	98
19) 1,1-Dichloroethane	3.23	63	167358	4.998 ug/L	100
21) 2-Butanone	4.06	43	195446	53.766 ug/L	95
22) cis-1,2-Dichloroethene	3.97	96	104421	4.847 ug/L #	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	42294	4.895	ug/L	98
25) Chloroform	4.43	83	170094	4.919	ug/L	98
27) 1,2-Dichloroethane	5.19	62	96977	4.884	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	145390	4.558	ug/L	99
30) Cyclohexane	4.73	56	140088	4.270	ug/L	99
31) Carbon tetrachloride	4.88	117	119954	4.264	ug/L	99
33) Benzene	5.15	78	382349	4.803	ug/L	100
34) Trichloroethene	5.96	95	104101	4.791	ug/L	98
35) Methylcyclohexane	6.18	83	165921	4.443	ug/L	98
37) 1,2-Dichloropropane	6.23	63	91197	4.782	ug/L	100
38) Bromodichloromethane	6.56	83	109796	4.324	ug/L	97
39) cis-1,3-Dichloropropene	7.08	75	134950	4.342	ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	473051	47.961	ug/L	99
42) Toluene	7.44	91	417885	4.756	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	105063	4.167	ug/L	97
45) 1,1,2-Trichloroethane	7.89	97	66164	4.902	ug/L	99
47) Tetrachloroethene	8.02	164	83918	4.826	ug/L	99
48) 2-Hexanone	8.20	43	340715	49.151	ug/L	98
49) Dibromochloromethane	8.30	129	71581	4.212	ug/L	96
50) 1,2-Dibromoethane	8.40	107	60751	4.831	ug/L	99
51) Chlorobenzene	8.93	112	278434	4.936	ug/L	100
52) Ethylbenzene	9.06	91	465540	4.756	ug/L	100
53) m,p-xylene	9.19	106	179973	4.713	ug/L	99
54) o-xylene	9.59	106	178300	4.774	ug/L	98
55) Styrene	9.61	104	294859	4.800	ug/L	98
56) Isopropylbenzene	9.98	105	470858	4.788	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	69084	4.469	ug/L	99
59) 1,2,3-Trichloropropane	10.33	75	53096	4.942	ug/L	100
61) Bromoform	9.78	173	35781	3.754	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	213862	4.833	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	213959	4.888	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	202722	4.965	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	9536	3.554	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	166320	4.883	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	130460	4.954	ug/L	99
69) Naphthalene	13.56	128	204821	4.622	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	121800	5.034	ug/L	99

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

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