

Data File : VV006583.D
Acq On : 12 Jul 2018 10:36
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00571

Quant Time: Jul 13 01:44:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 11 03:34:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	338975	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	313478	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	154361	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	70940	3.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.00%
7) Chloroethane-d5	1.58	69	67445	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	2.13	63	145664	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.00%
20) 2-Butanone-d5	3.94	46	234327	50.06	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.12%
24) Chloroform-d	4.40	84	166517	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.09	65	77610	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.10	84	321487	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.12	67	105614	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.36	98	294493	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	7.67	79	36644	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.14	63	224338	56.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.94%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	86810	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	124142	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	131274	4.938	ug/L 99
3) Chloromethane	1.26	50	139041	4.276	ug/L 100
5) Vinyl chloride	1.32	62	140636	4.660	ug/L 99
6) Bromomethane	1.52	94	68632	4.907	ug/L 100
8) Chloroethane	1.59	64	83864	4.578	ug/L 99
9) Trichlorofluoromethane	1.77	101	166463	4.902	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	109239	5.207	ug/L 99
12) 1,1-Dichloroethene	2.14	96	100210	4.721	ug/L 86
13) Acetone	2.19	43	131797	44.517	ug/L 98
14) Carbon disulfide	2.32	76	291907	4.599	ug/L 99
15) Methyl Acetate	2.46	43	38511	4.419	ug/L 98
16) Methylene chloride	2.54	84	115529	4.828	ug/L 99
17) Methyl tert-butyl Ether	2.81	73	236803	4.710	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	109415	4.725	ug/L 96
19) 1,1-Dichloroethane	3.23	63	188469	4.690	ug/L 100
21) 2-Butanone	4.03	43	225281	46.377	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	117612	4.728	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	48245	4.735	ug/L	99
25) Chloroform	4.43	83	187226	4.684	ug/L	98
27) 1,2-Dichloroethane	5.19	62	102482	4.515	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	158720	4.833	ug/L	99
30) Cyclohexane	4.73	56	172544	4.937	ug/L	99
31) Carbon tetrachloride	4.88	117	133648	4.864	ug/L	98
33) Benzene	5.15	78	443863	4.744	ug/L	100
34) Trichloroethene	5.96	95	114380	4.766	ug/L	97
35) Methylcyclohexane	6.18	83	197962	5.123	ug/L	99
37) 1,2-Dichloropropane	6.22	63	105799	4.623	ug/L	98
38) Bromodichloromethane	6.56	83	119955	4.649	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	147997	4.818	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	541242	46.660	ug/L	99
42) Toluene	7.43	91	469936	4.829	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	115377	4.866	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	75863	4.738	ug/L	99
47) Tetrachloroethene	8.02	164	97877	4.960	ug/L	98
48) 2-Hexanone	8.19	43	386257	46.962	ug/L	99
49) Dibromochloromethane	8.30	129	77563	4.645	ug/L	96
50) 1,2-Dibromoethane	8.40	107	68104	4.672	ug/L	98
51) Chlorobenzene	8.93	112	306246	4.810	ug/L	99
52) Ethylbenzene	9.06	91	512421	4.956	ug/L	100
53) m,p-xylene	9.19	106	200638	5.037	ug/L	100
54) o-xylene	9.59	106	193499	4.962	ug/L	99
55) Styrene	9.61	104	326134	4.974	ug/L	99
56) Isopropylbenzene	9.98	105	509645	5.096	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	86252	4.565	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	63298	4.649	ug/L	99
61) Bromoform	9.78	173	40982	4.635	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	235421	4.835	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	238455	4.818	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	224908	4.782	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	11579	4.607	ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	191760	4.972	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	151236	4.928	ug/L	99
69) Naphthalene	13.56	128	239419	4.595	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	141352	4.913	ug/L	99

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

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