

Data File : VV006611.D
Acq On : 13 Jul 2018 23:34
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00522

Quant Time: Jul 14 00:32:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 14 00:30:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	283876	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	255654	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	120308	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	84788	5.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.80%
7) Chloroethane-d5	1.58	69	68377	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	2.13	63	150316	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.80%
20) 2-Butanone-d5	3.95	46	200533	51.15	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.30%
24) Chloroform-d	4.41	84	159883	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
26) 1,2-Dichloroethane-d4	5.09	65	74467	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.10	84	327872	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.40%
36) 1,2-Dichloropropane-d6	6.12	67	101737	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.60%
41) Toluene-d8	7.36	98	295610	5.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.40%
43) trans-1,3-Dichloropropene-	7.67	79	34328	5.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.00%
46) 2-Hexanone-d5	8.14	63	186135	57.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.90%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	78223	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	107235	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	95931	4.309 ug/L	99
3) Chloromethane	1.26	50	97789	3.591 ug/L	100
5) Vinyl chloride	1.32	62	116122	4.595 ug/L	# 36
6) Bromomethane	1.53	94	5839	0.498 ug/L	95
8) Chloroethane	1.59	64	75451	4.919 ug/L	91
9) Trichlorofluoromethane	1.77	101	134331	4.724 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	83033	4.726 ug/L	99
12) 1,1-Dichloroethene	2.14	96	85328	4.801 ug/L	92
13) Acetone	2.20	43	122417	49.375 ug/L	99
14) Carbon disulfide	2.32	76	259230	4.876 ug/L	99
15) Methyl Acetate	2.46	43	36772	5.038 ug/L	98
16) Methylene chloride	2.54	84	103617	5.170 ug/L	97
17) Methyl tert-butyl Ether	2.81	73	226052	5.369 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	97244	5.015 ug/L	95
19) 1,1-Dichloroethane	3.23	63	170243	5.059 ug/L	100
21) 2-Butanone	4.04	43	213376	52.452 ug/L	98
22) cis-1,2-Dichloroethene	3.97	96	107843	5.177 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	46377	5.435	ug/L	97
25) Chloroform	4.43	83	171943	5.137	ug/L	97
27) 1,2-Dichloroethane	5.19	62	95817	5.040	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	135289	5.051	ug/L	99
30) Cyclohexane	4.73	56	120213	4.218	ug/L	96
31) Carbon tetrachloride	4.88	117	108440	4.839	ug/L	99
33) Benzene	5.15	78	391277	5.128	ug/L	100
34) Trichloroethene	5.96	95	95807	4.895	ug/L	96
35) Methylcyclohexane	6.18	83	137865	4.374	ug/L	99
37) 1,2-Dichloropropane	6.23	63	96610	5.177	ug/L	99
38) Bromodichloromethane	6.56	83	112611	5.351	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	127389	5.085	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	504883	53.370	ug/L	98
42) Toluene	7.44	91	395821	4.987	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	99631	5.152	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	71398	5.468	ug/L	98
47) Tetrachloroethene	8.02	164	77086	4.790	ug/L	99
48) 2-Hexanone	8.19	43	361852	53.946	ug/L	99
49) Dibromochloromethane	8.30	129	74835	5.495	ug/L	95
50) 1,2-Dibromoethane	8.40	107	63764	5.364	ug/L	99
51) Chlorobenzene	8.93	112	259235	4.993	ug/L	99
52) Ethylbenzene	9.06	91	404836	4.801	ug/L	100
53) m,p-xylene	9.19	106	157030	4.833	ug/L	100
54) o-xylene	9.59	106	158444	4.982	ug/L	98
55) Styrene	9.61	104	268540	5.022	ug/L	99
56) Isopropylbenzene	9.98	105	389140	4.771	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	83805	5.439	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	60359	5.435	ug/L	100
61) Bromoform	9.78	173	37471	5.437	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	188130	4.958	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	192056	4.979	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	188901	5.153	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	10480	5.350	ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	147452	4.905	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	119719	5.005	ug/L	99
69) Naphthalene	13.56	128	209869	5.167	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	118332	5.278	ug/L	100

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

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