

Data File : VV011830.D
Acq On : 03 Jul 2019 15:43
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 26ML/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00557

Quant Time: Jul 03 23:57:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 03 23:52:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	180441	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	174484	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	85142	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49456	4.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.40%
7) Chloroethane-d5	1.58	69	41131	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.13	63	107747	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.80%
20) 2-Butanone-d5	3.94	46	140176	46.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.48%
24) Chloroform-d	4.40	84	106408	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.08	65	55092	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
32) Benzene-d6	5.10	84	202051	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.12	67	62375	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.40%
41) Toluene-d8	7.36	98	186179	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	7.66	79	23044	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.13	63	108548	47.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.32%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45473	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	65784	4.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	89928	5.222 ug/L	98
3) Chloromethane	1.25	50	86512	5.051 ug/L	98
5) Vinyl chloride	1.32	62	84172	5.224 ug/L	99
6) Bromomethane	1.54	94	44271	5.240 ug/L	99
8) Chloroethane	1.60	64	49118	5.340 ug/L	98
9) Trichlorofluoromethane	1.77	101	117892	5.559 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	65698	5.557 ug/L	99
12) 1,1-Dichloroethene	2.14	96	58775	5.383 ug/L	87
13) Acetone	2.20	43	104424	50.842 ug/L	98
14) Carbon disulfide	2.32	76	151092	5.147 ug/L	100
15) Methyl Acetate	2.46	43	24857	4.354 ug/L	95
16) Methylene chloride	2.53	84	63851	4.891 ug/L	95
17) Methyl tert-butyl Ether	2.80	73	162457	5.713 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	74705	6.043 ug/L	99
19) 1,1-Dichloroethane	3.23	63	131659	5.375 ug/L	100
21) 2-Butanone	4.03	43	180369	53.766 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	71852	5.446 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	28084	5.123	ug/L	93
25) Chloroform	4.42	83	131449	5.007	ug/L	99
27) 1,2-Dichloroethane	5.18	62	84619	5.218	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	109173	5.331	ug/L	99
30) Cyclohexane	4.72	56	116003	5.307	ug/L	99
31) Carbon tetrachloride	4.87	117	95122	5.415	ug/L	98
33) Benzene	5.14	78	280241	5.395	ug/L	100
34) Trichloroethene	5.96	95	73076	5.407	ug/L	99
35) Methylcyclohexane	6.17	83	119185	5.389	ug/L	99
37) 1,2-Dichloropropane	6.22	63	71130	5.347	ug/L	99
38) Bromodichloromethane	6.55	83	82596	5.326	ug/L	95
39) cis-1,3-Dichloropropene	7.07	75	95688	5.393	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	449800	54.613	ug/L	99
42) Toluene	7.43	91	301234	5.490	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	75745	5.532	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	45607	5.344	ug/L	97
47) Tetrachloroethene	8.02	164	57449	5.402	ug/L	94
48) 2-Hexanone	8.18	43	317990	54.694	ug/L	98
49) Dibromochloromethane	8.29	129	50004	5.519	ug/L	99
50) 1,2-Dibromoethane	8.40	107	42096	5.311	ug/L	98
51) Chlorobenzene	8.92	112	187315	5.406	ug/L	99
52) Ethylbenzene	9.05	91	335509	5.500	ug/L	99
53) m,p-xylene	9.18	106	126410	5.666	ug/L	95
54) o-xylene	9.59	106	119277	5.549	ug/L	99
55) Styrene	9.60	104	203486	5.674	ug/L	96
56) Isopropylbenzene	9.97	105	324414	5.577	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	53207	5.091	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	40527	5.265	ug/L	100
61) Bromoform	9.77	173	23458	5.164	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	141466	5.372	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	143298	5.327	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	131431	5.283	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	7873	4.989	ug/L	95
67) 1,3,5-Trichlorobenzene	12.69	180	110910	5.442	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	91557	5.564	ug/L	100
69) Naphthalene	13.55	128	144593	5.517	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	83947	5.504	ug/L	98

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

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