

Data File : VV014046.D
Acq On : 13 Dec 2019 10:59
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00555

Quant Time: Dec 14 03:23:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 11 07:16:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	398616	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	387469	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	210474	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	120298	4.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.60%
7) Chloroethane-d5	1.58	69	108777	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.13	63	197432	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.00%
20) 2-Butanone-d5	3.95	46	273985	53.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.84%
24) Chloroform-d	4.39	84	237798	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.08	65	111675	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.09	84	436905	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
36) 1,2-Dichloropropane-d6	6.11	67	133296	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.40%
41) Toluene-d8	7.35	98	376695	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	7.66	79	48339	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.13	63	174269	40.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.48%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	97458	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	156372	4.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	130752	4.925 ug/L	97
3) Chloromethane	1.25	50	135460	5.810 ug/L	100
5) Vinyl chloride	1.32	62	132517	5.565 ug/L	99
6) Bromomethane	1.53	94	78484	6.259 ug/L	98
8) Chloroethane	1.60	64	83910	5.847 ug/L	97
9) Trichlorofluoromethane	1.77	101	192954	5.218 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	115963	5.278 ug/L	99
12) 1,1-Dichloroethene	2.14	96	102334	5.340 ug/L	92
13) Acetone	2.21	43	192453	53.659 ug/L #	63
14) Carbon disulfide	2.31	76	218423	4.937 ug/L	99
15) Methyl Acetate	2.47	43	48429	6.031 ug/L	97
16) Methylene chloride	2.53	84	133528	5.086 ug/L	98
17) Methyl tert-butyl Ether	2.80	73	275070	5.244 ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	112763	5.210 ug/L	99
19) 1,1-Dichloroethane	3.22	63	237855	5.505 ug/L	98
21) 2-Butanone	4.03	43	292301	53.917 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	129890	5.118 ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	60728	5.446	ug/L	95
25) Chloroform	4.42	83	251365	5.488	ug/L	99
27) 1,2-Dichloroethane	5.17	62	133927	5.109	ug/L	100
29) 1,1,1-Trichloroethane	4.65	97	202243	5.102	ug/L	98
30) Cyclohexane	4.72	56	149065	4.502	ug/L	99
31) Carbon tetrachloride	4.87	117	177361	5.086	ug/L	98
33) Benzene	5.14	78	490214	5.158	ug/L	100
34) Trichloroethene	5.95	95	128259	4.892	ug/L	97
35) Methylcyclohexane	6.17	83	149046	4.260	ug/L	95
37) 1,2-Dichloropropane	6.22	63	121259	4.964	ug/L	100
38) Bromodichloromethane	6.55	83	162993	5.057	ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	164582	4.748	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	711054	49.888	ug/L	99
42) Toluene	7.42	91	510943	5.012	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	131673	4.853	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	87517	5.027	ug/L	99
47) Tetrachloroethene	8.01	164	107786	4.734	ug/L	98
48) 2-Hexanone	8.18	43	530437	52.138	ug/L	97
49) Dibromochloromethane	8.28	129	111739	5.005	ug/L	95
50) 1,2-Dibromoethane	8.39	107	79241	5.026	ug/L	100
51) Chlorobenzene	8.92	112	338852	4.777	ug/L	98
52) Ethylbenzene	9.05	91	529424	4.780	ug/L	98
53) m,p-xylene	9.18	106	205220	4.861	ug/L	99
54) o-xylene	9.58	106	200032	4.853	ug/L	96
55) Styrene	9.60	104	364537	5.122	ug/L	99
56) Isopropylbenzene	9.97	105	536629	4.777	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	92841	4.854	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	75144	5.011	ug/L	99
61) Bromoform	9.77	173	65246	4.926	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	305073	4.989	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	291444	4.683	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	275249	4.850	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	13727	4.162	ug/L	90
67) 1,3,5-Trichlorobenzene	12.69	180	242549	4.696	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	181895	4.294	ug/L	99
69) Naphthalene	13.55	128	215764	3.741	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	169821	4.401	ug/L	98

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

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