

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV010320\
 Data File : VV014260.D
 Acq On : 03 Jan 2020 17:04
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00549

Quant Time: Jan 03 22:49:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 03 22:46:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	798903	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	731922	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	339671	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	291588	5.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.40%
7) Chloroethane-d5	1.59	69	220732	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.13	63	447720	5.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	108.60%
20) 2-Butanone-d5	3.96	46	754072	56.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.32%
24) Chloroform-d	4.40	84	574466	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
26) 1,2-Dichloroethane-d4	5.08	65	286235	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
32) Benzene-d6	5.10	84	1166847	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
36) 1,2-Dichloropropane-d6	6.12	67	358859	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	7.36	98	1069456	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
43) trans-1,3-Dichloropropene-	7.66	79	163528	5.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.20%
46) 2-Hexanone-d5	8.13	63	686830	54.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.30%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	253092	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	346574	5.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	338987	5.628 ug/L	98
3) Chloromethane	1.26	50	320679	5.356 ug/L	98
5) Vinyl chloride	1.33	62	303713	5.432 ug/L	99
6) Bromomethane	1.54	94	167840	5.291 ug/L	99
8) Chloroethane	1.60	64	165912	5.281 ug/L	96
9) Trichlorofluoromethane	1.77	101	377355	5.717 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	205200	5.739 ug/L	95
12) 1,1-Dichloroethene	2.14	96	198673	5.566 ug/L	97
13) Acetone	2.23	43	456490	49.366 ug/L	97
14) Carbon disulfide	2.32	76	859281	5.425 ug/L	99
15) Methyl Acetate	2.48	43	109822	5.102 ug/L	98
16) Methylene chloride	2.54	84	289170	4.977 ug/L	91
17) Methyl tert-butyl Ether	2.81	73	693284	5.248 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	289803	5.401 ug/L	94
19) 1,1-Dichloroethane	3.23	63	563075	5.355 ug/L	98
21) 2-Butanone	4.04	43	771045	55.588 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	314094	5.341 ug/L #	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.30	128	120605	5.394	ug/L	90
25) Chloroform	4.43	83	538983	5.354	ug/L	98
27) 1,2-Dichloroethane	5.18	62	327386	5.436	ug/L #	93
29) 1,1,1-Trichloroethane	4.66	97	474683	5.448	ug/L	98
30) Cyclohexane	4.73	56	565311	5.877	ug/L	96
31) Carbon tetrachloride	4.87	117	403641	5.410	ug/L	99
33) Benzene	5.15	78	1227094	5.444	ug/L	100
34) Trichloroethene	5.96	95	326554	5.637	ug/L	98
35) Methylcyclohexane	6.18	83	547395	5.780	ug/L	96
37) 1,2-Dichloropropane	6.22	63	304870	5.358	ug/L	99
38) Bromodichloromethane	6.55	83	387363	5.280	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	481143	5.223	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	1900479	52.989	ug/L	99
42) Toluene	7.43	91	1294378	5.440	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	369903	5.229	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	192971	5.309	ug/L	99
47) Tetrachloroethene	8.02	164	217683	5.501	ug/L	99
48) 2-Hexanone	8.18	43	1357158	54.708	ug/L	98
49) Dibromochloromethane	8.29	129	239337	5.209	ug/L	96
50) 1,2-Dibromoethane	8.39	107	183553	5.215	ug/L	98
51) Chlorobenzene	8.92	112	786963	5.378	ug/L	97
52) Ethylbenzene	9.05	91	1476637	5.547	ug/L	99
53) m,p-xylene	9.18	106	542165	5.521	ug/L	97
54) o-xylene	9.58	106	526427	5.451	ug/L	97
55) Styrene	9.60	104	884383	5.406	ug/L	96
56) Isopropylbenzene	9.97	105	1420914	5.641	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	230316	5.139	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	178482	5.265	ug/L	99
61) Bromoform	9.77	173	122062	5.302	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	595294	5.606	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	581311	5.505	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	531570	5.543	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	45369	5.147	ug/L	92
67) 1,3,5-Trichlorobenzene	12.69	180	425714	5.513	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	370235	5.466	ug/L	100
69) Naphthalene	13.55	128	713131	5.182	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	321848	5.400	ug/L	99

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

