

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011020\
 Data File : VV014268.D
 Acq On : 10 Jan 2020 10:32
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00552

Quant Time: Jan 10 23:59:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jan 07 14:15:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	1062914	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	974117	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	450996	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	295252	3.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.40%
7) Chloroethane-d5	1.59	69	232131	4.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.80%
11) 1,1-Dichloroethene-d2	2.13	63	496680	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.60%
20) 2-Butanone-d5	3.96	46	755623	42.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.60%
24) Chloroform-d	4.40	84	647143	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.08	65	298623	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
32) Benzene-d6	5.09	84	1306431	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.11	67	403919	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.35	98	1190738	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	7.66	79	172473	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.13	63	690111	40.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.76%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	271105	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	377981	4.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	471525	5.884	ug/L 99
3) Chloromethane	1.26	50	430877	5.409	ug/L 98
5) Vinyl chloride	1.33	62	401774	5.401	ug/L 99
6) Bromomethane	1.54	94	228075	5.404	ug/L 97
8) Chloroethane	1.60	64	224977	5.382	ug/L 99
9) Trichlorofluoromethane	1.77	101	520033	5.922	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	280606	5.899	ug/L 96
12) 1,1-Dichloroethene	2.14	96	269682	5.679	ug/L 89
13) Acetone	2.24	43	411212	33.424	ug/L 91
14) Carbon disulfide	2.32	76	846912	4.019	ug/L 99
15) Methyl Acetate	2.47	43	155167	5.418	ug/L 91
16) Methylene chloride	2.53	84	395097	5.111	ug/L 94
17) Methyl tert-butyl Ether	2.80	73	915796	5.211	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	400750	5.614	ug/L 95
19) 1,1-Dichloroethane	3.23	63	757335	5.413	ug/L 97
21) 2-Butanone	4.05	43	937331	50.791	ug/L 100
22) cis-1,2-Dichloroethene	3.96	96	438777	5.607	ug/L # 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	165525	5.564	ug/L	94
25) Chloroform	4.42	83	734109	5.481	ug/L	97
27) 1,2-Dichloroethane	5.17	62	417284	5.207	ug/L	95
29) 1,1,1-Trichloroethane	4.65	97	653356	5.634	ug/L	99
30) Cyclohexane	4.72	56	766632	5.988	ug/L	98
31) Carbon tetrachloride	4.87	117	571972	5.760	ug/L	99
33) Benzene	5.14	78	1663890	5.546	ug/L	100
34) Trichloroethene	5.96	95	432888	5.615	ug/L	97
35) Methylcyclohexane	6.17	83	778776	6.178	ug/L	98
37) 1,2-Dichloropropane	6.22	63	414614	5.475	ug/L	98
38) Bromodichloromethane	6.55	83	524321	5.370	ug/L	97
39) cis-1,3-Dichloropropene	7.06	75	653218	5.328	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	2366603	49.580	ug/L	99
42) Toluene	7.42	91	1770438	5.591	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	495974	5.268	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	255202	5.276	ug/L	99
47) Tetrachloroethene	8.01	164	307392	5.836	ug/L	99
48) 2-Hexanone	8.18	43	1692274	51.256	ug/L	98
49) Dibromochloromethane	8.28	129	325551	5.323	ug/L	97
50) 1,2-Dibromoethane	8.39	107	245456	5.240	ug/L	94
51) Chlorobenzene	8.92	112	1089666	5.595	ug/L	99
52) Ethylbenzene	9.05	91	2026903	5.721	ug/L	99
53) m,p-xylene	9.18	106	746935	5.715	ug/L	100
54) o-xylene	9.58	106	724973	5.641	ug/L	98
55) Styrene	9.60	104	1216214	5.586	ug/L	99
56) Isopropylbenzene	9.97	105	1965677	5.864	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	317099	5.316	ug/L	95
59) 1,2,3-Trichloropropane	10.31	75	229689	5.091	ug/L	100
61) Bromoform	9.77	173	166175	5.436	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	815619	5.785	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	814446	5.809	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	728368	5.720	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	53646	4.584	ug/L	97
67) 1,3,5-Trichlorobenzene	12.68	180	601141	5.863	ug/L	99
68) 1,2,4-trichlorobenzene	13.30	180	514703	5.723	ug/L	99
69) Naphthalene	13.54	128	947432	5.185	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	442236	5.588	ug/L	98

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

