

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV010620\
 Data File : VV014262.D
 Acq On : 06 Jan 2020 10:05
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00550

Quant Time: Jan 07 01:13:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jan 06 15:44:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	1022809	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	936262	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	442526	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	269131	3.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.20%
7) Chloroethane-d5	1.58	69	208589	3.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.40%
11) 1,1-Dichloroethene-d2	2.13	63	448689	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.00%
20) 2-Butanone-d5	3.96	46	665972	38.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.48%
24) Chloroform-d	4.40	84	566909	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.00%
26) 1,2-Dichloroethane-d4	5.08	65	265219	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.60%
32) Benzene-d6	5.09	84	1159089	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
36) 1,2-Dichloropropane-d6	6.11	67	354163	4.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.80%
41) Toluene-d8	7.35	98	1058810	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
43) trans-1,3-Dichloropropene-	7.66	79	157178	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	8.13	63	619885	38.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.42%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	243695	4.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	344033	4.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	431371	5.594 ug/L	97
3) Chloromethane	1.25	50	391952	5.114 ug/L	98
5) Vinyl chloride	1.32	62	365013	5.099 ug/L	99
6) Bromomethane	1.54	94	209333	5.154 ug/L	95
8) Chloroethane	1.60	64	201647	5.013 ug/L	99
9) Trichlorofluoromethane	1.77	101	463275	5.482 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	256494	5.603 ug/L	96
12) 1,1-Dichloroethene	2.14	96	240574	5.265 ug/L	99
13) Acetone	2.23	43	387204	32.706 ug/L	61
14) Carbon disulfide	2.32	76	772499	3.810 ug/L	100
15) Methyl Acetate	2.47	43	137534	4.990 ug/L	94
16) Methylene chloride	2.53	84	363419	4.885 ug/L	95
17) Methyl tert-butyl Ether	2.80	73	840371	4.969 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	369172	5.375 ug/L	98
19) 1,1-Dichloroethane	3.23	63	687492	5.107 ug/L	98
21) 2-Butanone	4.04	43	871504	49.076 ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	396119	5.261 ug/L #	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	147537	5.154	ug/L	94
25) Chloroform	4.42	83	665185	5.161	ug/L	97
27) 1,2-Dichloroethane	5.18	62	388422	5.037	ug/L	94
29) 1,1,1-Trichloroethane	4.65	97	596044	5.348	ug/L	100
30) Cyclohexane	4.72	56	685160	5.568	ug/L	97
31) Carbon tetrachloride	4.87	117	514938	5.395	ug/L	100
33) Benzene	5.14	78	1525000	5.289	ug/L	100
34) Trichloroethene	5.96	95	389822	5.261	ug/L	98
35) Methylcyclohexane	6.17	83	698144	5.763	ug/L	98
37) 1,2-Dichloropropane	6.22	63	372506	5.118	ug/L	99
38) Bromodichloromethane	6.55	83	477152	5.084	ug/L	97
39) cis-1,3-Dichloropropene	7.06	75	599626	5.089	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	2188953	47.712	ug/L	100
42) Toluene	7.42	91	1616128	5.310	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	463550	5.123	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	239519	5.152	ug/L	99
47) Tetrachloroethene	8.01	164	282123	5.573	ug/L	96
48) 2-Hexanone	8.18	43	1534904	48.370	ug/L	99
49) Dibromochloromethane	8.28	129	297656	5.064	ug/L	100
50) 1,2-Dibromoethane	8.39	107	227035	5.043	ug/L	96
51) Chlorobenzene	8.92	112	991320	5.296	ug/L	99
52) Ethylbenzene	9.05	91	1838529	5.399	ug/L	99
53) m,p-xylene	9.18	106	675759	5.380	ug/L	99
54) o-xylene	9.58	106	665061	5.384	ug/L	99
55) Styrene	9.60	104	1120156	5.353	ug/L	98
56) Isopropylbenzene	9.97	105	1769039	5.491	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	282326	4.924	ug/L	97
59) 1,2,3-Trichloropropane	10.31	75	210607	4.857	ug/L	99
61) Bromoform	9.77	173	153993	5.134	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	747748	5.405	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	738578	5.369	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	665035	5.323	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	54833	4.775	ug/L	90
67) 1,3,5-Trichlorobenzene	12.69	180	547891	5.446	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	474000	5.372	ug/L	99
69) Naphthalene	13.55	128	878254	4.899	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	408897	5.266	ug/L	99

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

