

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011320\
 Data File : VV014287.D
 Acq On : 13 Jan 2020 19:11
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00555

Quant Time: Jan 14 15:10:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jan 11 00:01:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	860743	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	798871	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	372854	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	290327	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.58	69	229360	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.13	63	451678	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.80%
20) 2-Butanone-d5	3.96	46	784627	54.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.46%
24) Chloroform-d	4.40	84	620139	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
26) 1,2-Dichloroethane-d4	5.08	65	307271	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.09	84	1283501	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
36) 1,2-Dichloropropane-d6	6.11	67	396530	5.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.40%
41) Toluene-d8	7.36	98	1169040	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
43) trans-1,3-Dichloropropene-	7.66	79	167546	5.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.40%
46) 2-Hexanone-d5	8.13	63	706985	51.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.14%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	271855	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	368326	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	310774	4.789 ug/L	97
3) Chloromethane	1.25	50	318798	4.942 ug/L	100
5) Vinyl chloride	1.32	62	302454	5.021 ug/L	98
6) Bromomethane	1.53	94	172474	5.046 ug/L	100
8) Chloroethane	1.60	64	168967	4.992 ug/L	98
9) Trichlorofluoromethane	1.77	101	382540	5.379 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	208917	5.423 ug/L	97
12) 1,1-Dichloroethene	2.14	96	200685	5.219 ug/L	98
13) Acetone	2.23	43	390042	39.149 ug/L	91
14) Carbon disulfide	2.32	76	879768	5.156 ug/L	99
15) Methyl Acetate	2.47	43	118557	5.112 ug/L	96
16) Methylene chloride	2.53	84	319877	5.110 ug/L	92
17) Methyl tert-butyl Ether	2.80	73	745467	5.238 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	307691	5.323 ug/L	92
19) 1,1-Dichloroethane	3.23	63	599257	5.289 ug/L	98
21) 2-Butanone	4.04	43	796375	53.289 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	338933	5.349 ug/L #	94

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

23) Bromochloromethane	4.30	128	125985	5.230	ug/L	88
25) Chloroform	4.42	83	583503	5.379	ug/L	98
27) 1,2-Dichloroethane	5.18	62	346731	5.343	ug/L #	93
29) 1,1,1-Trichloroethane	4.65	97	509627	5.359	ug/L	98
30) Cyclohexane	4.72	56	599101	5.706	ug/L	95
31) Carbon tetrachloride	4.87	117	425501	5.225	ug/L	99
33) Benzene	5.14	78	1305525	5.306	ug/L	100
34) Trichloroethene	5.96	95	339948	5.377	ug/L	99
35) Methylcyclohexane	6.17	83	584590	5.655	ug/L	96
37) 1,2-Dichloropropane	6.22	63	321575	5.178	ug/L	99
38) Bromodichloromethane	6.55	83	415499	5.189	ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	518164	5.154	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	2029993	51.857	ug/L	99
42) Toluene	7.43	91	1376146	5.299	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	401828	5.205	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	210721	5.312	ug/L	99
47) Tetrachloroethene	8.02	164	226089	5.234	ug/L	99
48) 2-Hexanone	8.18	43	1400035	51.707	ug/L	98
49) Dibromochloromethane	8.29	129	251536	5.015	ug/L	99
50) 1,2-Dibromoethane	8.39	107	196700	5.120	ug/L #	95
51) Chlorobenzene	8.92	112	835723	5.233	ug/L	98
52) Ethylbenzene	9.05	91	1577243	5.429	ug/L	98
53) m,p-xylene	9.18	106	581666	5.427	ug/L	98
54) o-xylene	9.58	106	563312	5.344	ug/L	99
55) Styrene	9.60	104	941785	5.275	ug/L	98
56) Isopropylbenzene	9.97	105	1501644	5.462	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	252528	5.162	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	188994	5.108	ug/L	100
61) Bromoform	9.77	173	128668	5.091	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	623237	5.347	ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	603593	5.208	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	559384	5.314	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	46362	4.792	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	441314	5.206	ug/L	100
68) 1,2,4-trichlorobenzene	13.30	180	376700	5.067	ug/L	99
69) Naphthalene	13.55	128	725716	4.804	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	337216	5.154	ug/L	99

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

