

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010220\
 Data File : VV014251.D
 Acq On : 02 Jan 2020 15:53
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV34

Quant Time: Jan 03 07:53:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 03 07:49:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	905886	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	818609	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	376085	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	312468	4.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.60%
7) Chloroethane-d5	1.58	69	233700	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.13	63	466127	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.80%
20) 2-Butanone-d5	3.96	46	764298	50.20	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.40%
24) Chloroform-d	4.40	84	607340	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.08	65	299655	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.10	84	1253894	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.11	67	378605	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.36	98	1135986	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
43) trans-1,3-Dichloropropene-	7.66	79	173398	5.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.60%
46) 2-Hexanone-d5	8.13	63	721906	50.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.78%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	265980	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	364556	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	357695	5.237	ug/L 97
3) Chloromethane	1.26	50	342882	5.051	ug/L 99
5) Vinyl chloride	1.32	62	320500	5.055	ug/L 96
6) Bromomethane	1.54	94	182209	5.065	ug/L 100
8) Chloroethane	1.60	64	176189	4.946	ug/L 96
9) Trichlorofluoromethane	1.77	101	401737	5.368	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	209189	5.160	ug/L 96
12) 1,1-Dichloroethene	2.14	96	206567	5.104	ug/L 89
13) Acetone	2.23	43	473483	45.156	ug/L 95
14) Carbon disulfide	2.32	76	951694	5.299	ug/L 99
15) Methyl Acetate	2.48	43	122947	5.037	ug/L 94
16) Methylene chloride	2.54	84	306878	4.658	ug/L 94
17) Methyl tert-butyl Ether	2.81	73	755408	5.043	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	319087	5.245	ug/L 95
19) 1,1-Dichloroethane	3.23	63	610909	5.123	ug/L 98
21) 2-Butanone	4.04	43	809460	51.465	ug/L 98
22) cis-1,2-Dichloroethene	3.96	96	338778	5.080	ug/L # 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	131153	5.173	ug/L	91
25) Chloroform	4.42	83	575316	5.040	ug/L	97
27) 1,2-Dichloroethane	5.18	62	348301	5.100	ug/L #	94
29) 1,1,1-Trichloroethane	4.66	97	513796	5.272	ug/L	99
30) Cyclohexane	4.72	56	584887	5.436	ug/L	97
31) Carbon tetrachloride	4.87	117	438273	5.252	ug/L	99
33) Benzene	5.14	78	1314657	5.215	ug/L	100
34) Trichloroethene	5.96	95	344497	5.317	ug/L	99
35) Methylcyclohexane	6.17	83	570540	5.386	ug/L	97
37) 1,2-Dichloropropane	6.22	63	327996	5.154	ug/L	99
38) Bromodichloromethane	6.55	83	423504	5.161	ug/L	95
39) cis-1,3-Dichloropropene	7.07	75	531927	5.163	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	2067581	51.544	ug/L	99
42) Toluene	7.43	91	1386878	5.211	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	413294	5.224	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	206779	5.087	ug/L	97
47) Tetrachloroethene	8.02	164	229894	5.194	ug/L	98
48) 2-Hexanone	8.18	43	1452725	52.359	ug/L	98
49) Dibromochloromethane	8.29	129	265238	5.161	ug/L	95
50) 1,2-Dibromoethane	8.39	107	200777	5.100	ug/L #	98
51) Chlorobenzene	8.92	112	839503	5.129	ug/L	98
52) Ethylbenzene	9.05	91	1569785	5.273	ug/L	99
53) m,p-xylene	9.18	106	582051	5.299	ug/L	99
54) o-xylene	9.58	106	558181	5.168	ug/L	94
55) Styrene	9.60	104	959036	5.242	ug/L	96
56) Isopropylbenzene	9.97	105	1506835	5.349	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	253089	5.049	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	187106	4.935	ug/L	100
61) Bromoform	9.77	173	134197	5.264	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	622460	5.294	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	622579	5.325	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	567301	5.343	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	51259	5.252	ug/L	89
67) 1,3,5-Trichlorobenzene	12.69	180	458355	5.361	ug/L	97
68) 1,2,4-trichlorobenzene	13.30	180	414191	5.523	ug/L	99
69) Naphthalene	13.54	128	850063	5.579	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	368988	5.592	ug/L	99

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

