

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111519\
 Data File : VV013641.D
 Acq On : 15 Nov 2019 15:35
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV36

Quant Time: Nov 15 23:52:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 15 23:49:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	432799	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	407371	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	217580	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	105576	3.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.00%
7) Chloroethane-d5	1.58	69	96777	4.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.00%
11) 1,1-Dichloroethene-d2	2.13	63	212862	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.80%
20) 2-Butanone-d5	3.96	46	272607	44.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.18%
24) Chloroform-d	4.39	84	244371	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
26) 1,2-Dichloroethane-d4	5.07	65	114264	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
32) Benzene-d6	5.09	84	477434	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
36) 1,2-Dichloropropane-d6	6.11	67	140776	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.00%
41) Toluene-d8	7.35	98	454386	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	7.66	79	52679	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.13	63	216320	44.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.52%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	101305	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	173742	4.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	211619	5.317 ug/L	100
3) Chloromethane	1.25	50	198113	5.174 ug/L	99
5) Vinyl chloride	1.32	62	188473	5.167 ug/L	98
6) Bromomethane	1.53	94	115264	5.185 ug/L	98
8) Chloroethane	1.60	64	108082	5.279 ug/L	95
9) Trichlorofluoromethane	1.77	101	254882	5.256 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	140763	5.285 ug/L	99
12) 1,1-Dichloroethene	2.13	96	135628	5.245 ug/L	99
13) Acetone	2.23	43	209456	53.695 ug/L #	37
14) Carbon disulfide	2.31	76	462163	5.181 ug/L	99
15) Methyl Acetate	2.47	43	57576	5.211 ug/L	95
16) Methylene chloride	2.53	84	168440	4.687 ug/L	95
17) Methyl tert-butyl Ether	2.80	73	346041	5.240 ug/L	100
18) trans-1,2-Dichloroethene	2.78	96	166288	5.215 ug/L	97
19) 1,1-Dichloroethane	3.22	63	303266	5.326 ug/L	97
21) 2-Butanone	4.04	43	364239	55.682 ug/L	99
22) cis-1,2-Dichloroethene	3.95	96	172583	5.215 ug/L #	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	79619	5.218	ug/L	96
25) Chloroform	4.42	83	327008	4.240	ug/L	97
27) 1,2-Dichloroethane	5.17	62	180531	5.269	ug/L	100
29) 1,1,1-Trichloroethane	4.65	97	263581	5.353	ug/L	98
30) Cyclohexane	4.72	56	275696	5.628	ug/L	99
31) Carbon tetrachloride	4.87	117	238725	5.366	ug/L	98
33) Benzene	5.14	78	671869	5.449	ug/L	100
34) Trichloroethene	5.95	95	176362	5.344	ug/L	99
35) Methylcyclohexane	6.17	83	285164	5.665	ug/L	99
37) 1,2-Dichloropropane	6.22	63	161861	5.482	ug/L	100
38) Bromodichloromethane	6.55	83	208022	5.052	ug/L	99
39) cis-1,3-Dichloropropene	7.06	75	235079	5.540	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	940942	54.777	ug/L	99
42) Toluene	7.42	91	726735	5.517	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	177284	5.300	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	110732	5.201	ug/L	97
47) Tetrachloroethene	8.01	164	162458	5.312	ug/L	98
48) 2-Hexanone	8.18	43	682473	56.018	ug/L	99
49) Dibromochloromethane	8.28	129	141387	5.231	ug/L	98
50) 1,2-Dibromoethane	8.39	107	105346	5.150	ug/L	98
51) Chlorobenzene	8.92	112	460458	5.271	ug/L	98
52) Ethylbenzene	9.05	91	782296	5.571	ug/L	100
53) m,p-xylene	9.18	106	304719	5.754	ug/L	99
54) o-xylene	9.58	106	289768	5.689	ug/L	99
55) Styrene	9.60	104	499793	5.801	ug/L	99
56) Isopropylbenzene	9.97	105	785862	5.802	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	124098	5.254	ug/L	95
59) 1,2,3-Trichloropropane	10.32	75	93804	5.140	ug/L	100
61) Bromoform	9.77	173	84926	5.214	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	391415	5.367	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	386962	5.226	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	349058	5.138	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	19332	4.767	ug/L	88
67) 1,3,5-Trichlorobenzene	12.69	180	319678	5.281	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	253948	5.107	ug/L	99
69) Naphthalene	13.55	128	344414	5.072	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	239407	5.271	ug/L	100

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

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