

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102119\
 Data File : VV013252.D
 Acq On : 21 Oct 2019 18:57
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.00ML/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV36

Quant Time: Oct 22 02:52:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 22 02:50:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	571266	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	605308	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	385829	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	195707	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.58	69	159437	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.13	63	332587	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.80%
20) 2-Butanone-d5	3.94	46	350212	43.30	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.60%
24) Chloroform-d	4.40	84	424973	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.08	65	193214	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
32) Benzene-d6	5.10	84	860933	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.12	67	250983	4.26	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.20%
41) Toluene-d8	7.36	98	813439	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	7.66	79	93437	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.13	63	328855	41.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.70%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	187541	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	307702	4.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	264855	4.194 ug/L	99
3) Chloromethane	1.25	50	257323	4.695 ug/L	98
5) Vinyl chloride	1.32	62	255518	4.635 ug/L	99
6) Bromomethane	1.54	94	141714	4.563 ug/L	98
8) Chloroethane	1.60	64	146827	4.469 ug/L	99
9) Trichlorofluoromethane	1.77	101	349670	4.383 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	202469	4.295 ug/L	100
12) 1,1-Dichloroethene	2.14	96	194862	4.339 ug/L	97
13) Acetone	2.20	43	156315	37.379 ug/L #	48
14) Carbon disulfide	2.32	76	560932	4.350 ug/L	99
15) Methyl Acetate	2.46	43	63052	4.458 ug/L	98
16) Methylene chloride	2.53	84	252977	3.748 ug/L	93
17) Methyl tert-butyl Ether	2.80	73	486058	4.673 ug/L	94
18) trans-1,2-Dichloroethene	2.79	96	248664	4.696 ug/L	89
19) 1,1-Dichloroethane	3.23	63	450255	5.232 ug/L	96
21) 2-Butanone	4.03	43	437770	46.763 ug/L	86
22) cis-1,2-Dichloroethene	3.96	96	257934	4.551 ug/L #	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	114028	4.240	ug/L	99
25) Chloroform	4.42	83	453693	4.044	ug/L	99
27) 1,2-Dichloroethane	5.18	62	257965	4.305	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	378584	4.231	ug/L	100
30) Cyclohexane	4.72	56	386525	4.162	ug/L	98
31) Carbon tetrachloride	4.87	117	341153	4.250	ug/L	100
33) Benzene	5.14	78	1005439	4.350	ug/L	100
34) Trichloroethene	5.96	95	263175	4.243	ug/L	98
35) Methylcyclohexane	6.17	83	401716	4.210	ug/L	99
37) 1,2-Dichloropropane	6.22	63	248242	4.421	ug/L	98
38) Bromodichloromethane	6.55	83	306163	4.213	ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	326528	4.129	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	1200057	41.813	ug/L	98
42) Toluene	7.43	91	1084462	4.468	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	253574	4.233	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	164627	4.201	ug/L	96
47) Tetrachloroethene	8.02	164	234779	4.168	ug/L	98
48) 2-Hexanone	8.18	43	868695	42.399	ug/L	96
49) Dibromochloromethane	8.29	129	207429	4.202	ug/L	100
50) 1,2-Dibromoethane	8.39	107	155275	4.158	ug/L	100
51) Chlorobenzene	8.92	112	672271	4.231	ug/L	98
52) Ethylbenzene	9.05	91	1116436	4.412	ug/L	98
53) m,p-xylene	9.18	106	439445	4.537	ug/L	99
54) o-xylene	9.59	106	412013	4.480	ug/L	100
55) Styrene	9.60	104	734196	4.698	ug/L	100
56) Isopropylbenzene	9.97	105	1103782	4.551	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	192208	4.266	ug/L	97
59) 1,2,3-Trichloropropane	10.31	75	145153	4.335	ug/L	96
61) Bromoform	9.77	173	120854	4.109	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	576419	4.242	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	573883	4.172	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	526753	4.209	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	30199	4.250	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	401010	3.992	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	346645	3.944	ug/L	100
69) Naphthalene	13.55	128	471567	3.890	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	339565	4.160	ug/L	99

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

