

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103119\
 Data File : VV013447.D
 Acq On : 31 Oct 2019 14:47
 Operator : SY/MD
 Sample : VSTD01036
 Misc : 25.0ML/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01036

Manual Integrations
 APPROVED

MMDadoda
 11/1/2019 9:35:45 AM

Quant Time: Nov 01 05:02:50 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR103119WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Fri Nov 01 04:50:11 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	397700	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	402874	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	254355	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	273134	7.56	ug/L	0.00
7) Chloroethane-d5	1.58	69	220850	7.69	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	492124	8.27	ug/L	0.00
20) 2-Butanone-d5	3.96	46	968402	114.48	ug/L	0.02
24) Chloroform-d	4.40	84	659627	9.10	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	340197	9.28	ug/L	0.00
32) Benzene-d6	5.09	84	1300149	9.42	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	397873	9.25	ug/L	0.00
41) Toluene-d8	7.36	98	1215831	9.64	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	159866	10.02	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	702967	132.27	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	308982	10.74	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	469924	9.33	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	459165	8.732 ug/L	99
3) Chloromethane	1.25	50	377238	8.531 ug/L	99
5) Vinyl chloride	1.32	62	376094	8.730 ug/L	100
6) Bromomethane	1.53	94	180810	8.053 ug/L	100
8) Chloroethane	1.60	64	209617	8.593 ug/L	99
9) Trichlorofluoromethane	1.77	101	503446	8.894 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	280395	8.915 ug/L	99
12) 1,1-Dichloroethene	2.14	96	266212	8.812 ug/L	95
13) Acetone	2.23	43	402736m	93.109 ug/L	
14) Carbon disulfide	2.31	76	817465	8.980 ug/L	100
15) Methyl Acetate	2.47	43	136997	8.658 ug/L	98
16) Methylene chloride	2.53	84	356116	8.139 ug/L	99
17) Methyl tert-butyl Ether	2.81	73	840851	10.313 ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	362459	9.079 ug/L	96
19) 1,1-Dichloroethane	3.23	63	668735	9.133 ug/L	99
21) 2-Butanone	4.05	43	1048299	111.484 ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	383465	9.504 ug/L	# 96
23) Bromochloromethane	4.30	128	169693	9.295 ug/L	97
25) Chloroform	4.42	83	671079	8.629 ug/L	98
27) 1,2-Dichloroethane	5.18	62	415925	9.684 ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	571992	9.690 ug/L	99
30) Cyclohexane	4.72	56	655642	10.517 ug/L	100
31) Carbon tetrachloride	4.87	117	508776	9.501 ug/L	100
33) Benzene	5.14	78	1464858	9.856 ug/L	100
34) Trichloroethene	5.96	95	380589	9.286 ug/L	97
35) Methylcyclohexane	6.17	83	637436	10.451 ug/L	99
37) 1,2-Dichloropropane	6.22	63	367962	9.800 ug/L	99
38) Bromodichloromethane	6.55	83	456282	9.626 ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	529926	10.379 ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	2473740	114.988 ug/L	99

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 Response via : Initial Calibration

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

42) Toluene	7.43	91	1519856	9.840	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	408170	10.054	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	247343	9.806	ug/L	98
47) Tetrachloroethene	8.02	164	323144	9.358	ug/L	99
48) 2-Hexanone	8.18	43	1758457	113.603	ug/L	98
49) Dibromochloromethane	8.29	129	307407	9.792	ug/L	97
50) 1,2-Dibromoethane	8.40	107	236116	10.154	ug/L	97
51) Chlorobenzene	8.92	112	949024	9.481	ug/L	100
52) Ethylbenzene	9.05	91	1654002	10.053	ug/L	100
53) m,p-xylene	9.18	106	636018	10.428	ug/L	99
54) o-xylene	9.58	106	606840	10.230	ug/L	98
55) Styrene	9.60	104	1056185	10.620	ug/L	99
56) Isopropylbenzene	9.97	105	1665047	10.481	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	292865	10.709	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	225412	10.116	ug/L	97
61) Bromoform	9.77	173	186303	9.886	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	803857	9.503	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	795525	9.356	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	738227	9.377	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	45413	11.073	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	655370	9.682	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	541495	10.288	ug/L	100
69) Naphthalene	13.55	128	882285	11.971	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	515598	10.692	ug/L	99

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

