

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101819\
 Data File : VV013200.D
 Acq On : 18 Oct 2019 12:02
 Operator : SY/MD
 Sample : VSTD01033
 Misc : 25.00ML/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01033

Manual Integrations
 APPROVED

MMDadoda
 10/21/2019 12:06:25 PM

Quant Time: Oct 18 12:27:45 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Fri Oct 18 11:59:26 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	486861	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	504557	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	310018	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	496583	9.83	ug/L	0.00
7) Chloroethane-d5	1.58	69	392015	9.78	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	778347	9.95	ug/L	0.00
20) 2-Butanone-d5	3.96	46	1005532	103.47	ug/L	0.00
24) Chloroform-d	4.40	84	971646	10.24	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	451017	9.89	ug/L	0.00
32) Benzene-d6	5.09	84	2001853	10.75	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	597632	10.74	ug/L	0.00
41) Toluene-d8	7.35	98	1859338	11.55	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	217887	11.38	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	967792	136.55	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	418915	10.37	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	655924	10.07	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	587851	9.529 ug/L	100
3) Chloromethane	1.25	50	534083	8.620 ug/L	100
5) Vinyl chloride	1.32	62	494087	9.376 ug/L	98
6) Bromomethane	1.53	94	272669	9.266 ug/L	97
8) Chloroethane	1.60	64	285250	9.441 ug/L	97
9) Trichlorofluoromethane	1.77	101	691148	9.181 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	395464	9.304 ug/L	100
12) 1,1-Dichloroethene	2.14	96	376527	9.313 ug/L	# 87
13) Acetone	2.22	43	400282m	79.728 ug/L	
14) Carbon disulfide	2.31	76	1089151	9.546 ug/L	99
15) Methyl Acetate	2.47	43	104381	8.193 ug/L	93
16) Methylene chloride	2.53	84	428505	8.127 ug/L	94
17) Methyl tert-butyl Ether	2.81	73	1036798	9.919 ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	495921	9.586 ug/L	97
19) 1,1-Dichloroethane	3.23	63	903591	9.600 ug/L	100
21) 2-Butanone	4.04	43	1027638	92.200 ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	519963	9.891 ug/L	# 98
23) Bromochloromethane	4.30	128	221452	9.115 ug/L	98
25) Chloroform	4.42	83	906387	8.782 ug/L	100
27) 1,2-Dichloroethane	5.18	62	526363	9.764 ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	763674	9.743 ug/L	99
30) Cyclohexane	4.72	56	862242	11.456 ug/L	99
31) Carbon tetrachloride	4.87	117	682506	9.910 ug/L	99
33) Benzene	5.14	78	2059574	10.261 ug/L	100
34) Trichloroethene	5.96	95	519305	9.875 ug/L	98
35) Methylcyclohexane	6.17	83	888353	12.031 ug/L	99
37) 1,2-Dichloropropane	6.22	63	514158	10.483 ug/L	99
38) Bromodichloromethane	6.55	83	623455	9.854 ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	703658	11.248 ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	2876781	113.636 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	2174043	10.769	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	539452	11.047	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	338353	9.767	ug/L	99
47) Tetrachloroethene	8.02	164	458223	9.940	ug/L	98
48) 2-Hexanone	8.18	43	2127275	115.619	ug/L	99
49) Dibromochloromethane	8.29	129	413629	10.205	ug/L	97
50) 1,2-Dibromoethane	8.39	107	310630	10.085	ug/L	100
51) Chlorobenzene	8.92	112	1351052	10.179	ug/L	98
52) Ethylbenzene	9.05	91	2356906	11.611	ug/L	100
53) m,p-xylene	9.18	106	911773	12.183	ug/L	98
54) o-xylene	9.58	106	881966	12.006	ug/L	98
55) Styrene	9.60	104	1508974	12.565	ug/L	99
56) Isopropylbenzene	9.97	105	2332437	12.191	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	395848	9.873	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	291986	10.162	ug/L	99
61) Bromoform	9.77	173	235127	9.042	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	1113994	10.117	ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	1100239	9.996	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	1026704	9.677	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	59594	8.467	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	818800	10.231	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	719387	10.549	ug/L	98
69) Naphthalene	13.55	128	1161344	11.490	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	699018	10.037	ug/L	100

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

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