

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101819\
 Data File : VV013201.D
 Acq On : 18 Oct 2019 12:26
 Operator : SY/MD
 Sample : VSTD02034
 Misc : 25.00ML/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02034

Manual Integrations
 APPROVED

MMDadoda
 10/21/2019 12:06:30 PM

Quant Time: Oct 18 12:49:18 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	482462	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	495138	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	310316	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	970779	19.39	ug/L	0.00
7) Chloroethane-d5	1.58	69	754569	18.99	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	1476558	19.06	ug/L	0.00
20) 2-Butanone-d5	3.97	46	2370897	246.18	ug/L	0.00
24) Chloroform-d	4.40	84	1924563	20.46	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	897458	19.85	ug/L	0.00
32) Benzene-d6	5.09	84	3998967	21.89	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	1188367	21.77	ug/L	0.00
41) Toluene-d8	7.36	98	3680922	23.29	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	455169	24.23	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	2005545	288.36	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	824878	20.80	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	1352309	20.74	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	1170290	19.143 ug/L	99
3) Chloromethane	1.25	50	1053107	17.152 ug/L	100
5) Vinyl chloride	1.32	62	970521	18.585 ug/L	99
6) Bromomethane	1.53	94	541649	18.575 ug/L	97
8) Chloroethane	1.60	64	550139	18.373 ug/L	97
9) Trichlorofluoromethane	1.77	101	1353531	18.143 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	754068	17.903 ug/L	99
12) 1,1-Dichloroethene	2.14	96	724716	18.089 ug/L	90
13) Acetone	2.25	43	864001	173.660 ug/L	89
14) Carbon disulfide	2.31	76	2084696	18.438 ug/L	99
15) Methyl Acetate	2.48	43	179406m	14.211 ug/L	
16) Methylene chloride	2.53	84	869306	16.637 ug/L	97
17) Methyl tert-butyl Ether	2.81	73	2109844	20.368 ug/L	100
18) trans-1,2-Dichloroethene	2.78	96	997902	19.466 ug/L	99
19) 1,1-Dichloroethane	3.23	63	1811318	19.419 ug/L	99
21) 2-Butanone	4.06	43	2466555	223.319 ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	1066605	20.474 ug/L	# 98
23) Bromochloromethane	4.30	128	451826	18.767 ug/L	96
25) Chloroform	4.42	83	1789030	17.492 ug/L	99
27) 1,2-Dichloroethane	5.18	62	1055219	19.752 ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	1531735	19.913 ug/L	98
30) Cyclohexane	4.72	56	1771169	23.980 ug/L	99
31) Carbon tetrachloride	4.87	117	1376767	20.371 ug/L	99
33) Benzene	5.14	78	4077433	20.701 ug/L	100
34) Trichloroethene	5.96	95	1055982	20.462 ug/L	97
35) Methylcyclohexane	6.17	83	1844412	25.454 ug/L	97
37) 1,2-Dichloropropane	6.22	63	1021139	21.215 ug/L	99
38) Bromodichloromethane	6.55	83	1255519	20.221 ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	1511096	24.615 ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	5901446	237.548 ug/L	99

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

42) Toluene	7.43	91	4344070	21.928	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	1124098	23.458	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	669318	19.689	ug/L	99
47) Tetrachloroethene	8.01	164	907930	20.070	ug/L	99
48) 2-Hexanone	8.18	43	4204169	232.847	ug/L	98
49) Dibromochloromethane	8.29	129	840928	21.141	ug/L	99
50) 1,2-Dibromoethane	8.39	107	627019	20.744	ug/L	97
51) Chlorobenzene	8.92	112	2709949	20.806	ug/L	99
52) Ethylbenzene	9.05	91	4795252	24.073	ug/L	99
53) m,p-xylene	9.18	106	1863033	25.367	ug/L	97
54) o-xylene	9.58	106	1778282	24.667	ug/L	99
55) Styrene	9.60	104	3027726	25.691	ug/L	98
56) Isopropylbenzene	9.97	105	4763902	25.373	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	793365	20.163	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	579194	20.541	ug/L	99
61) Bromoform	9.77	173	489974	18.824	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	2267422	20.572	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	2258573	20.501	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	2099333	19.767	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	124734	17.704	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	1706485	21.303	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	1572911	23.042	ug/L	99
69) Naphthalene	13.54	128	2577178	25.474	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	1454767	20.868	ug/L	100

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

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