

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110819\
 Data File : VV013535.D
 Acq On : 08 Nov 2019 11:33
 Operator : SY/MD
 Sample : VSTD02033
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02033

Quant Time: Nov 08 21:49:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR110819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 08 21:45:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	449514	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	424251	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	235513	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	401322	19.81	ug/L	0.00
7) Chloroethane-d5	1.58	69	357908	20.03	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	761725	20.05	ug/L	0.00
20) 2-Butanone-d5	3.95	46	1526261	222.31	ug/L	0.00
24) Chloroform-d	4.40	84	1063931	20.21	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	537082	20.25	ug/L	0.00
32) Benzene-d6	5.09	84	1893636	20.55	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	639403	20.67	ug/L	0.00
41) Toluene-d8	7.36	98	1678844	21.21	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	253823	20.91	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	1189156	264.57	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.25	84	506962	21.16	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	802139	19.12	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	885246	20.173 ug/L	99
3) Chloromethane	1.25	50	798220	21.062 ug/L	100
5) Vinyl chloride	1.32	62	761640	20.974 ug/L	99
6) Bromomethane	1.54	94	421588	22.141 ug/L	99
8) Chloroethane	1.60	64	409445	20.294 ug/L	97
9) Trichlorofluoromethane	1.77	101	968569	20.062 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	565720	20.853 ug/L	99
12) 1,1-Dichloroethene	2.14	96	527434	21.021 ug/L	95
13) Acetone	2.22	43	782118	196.673 ug/L	98
14) Carbon disulfide	2.32	76	1608090	20.856 ug/L	100
15) Methyl Acetate	2.46	43	261248	21.838 ug/L	96
16) Methylene chloride	2.53	84	648644	18.213 ug/L	99
17) Methyl tert-butyl Ether	2.80	73	1480570	21.381 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	669677	20.706 ug/L	99
19) 1,1-Dichloroethane	3.23	63	1251203	20.455 ug/L	98
21) 2-Butanone	4.03	43	1685016	222.863 ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	733185	21.817 ug/L	# 95
23) Bromochloromethane	4.30	128	311830	20.599 ug/L	97
25) Chloroform	4.42	83	1254333	19.496 ug/L	97
27) 1,2-Dichloroethane	5.17	62	751313	20.877 ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	1081969	21.210 ug/L	99
30) Cyclohexane	4.72	56	1216194	22.956 ug/L	99
31) Carbon tetrachloride	4.87	117	989792	21.631 ug/L	100
33) Benzene	5.14	78	2768715	21.673 ug/L	100
34) Trichloroethene	5.96	95	725913	21.119 ug/L	100
35) Methylcyclohexane	6.17	83	1237270	23.168 ug/L	99
37) 1,2-Dichloropropane	6.22	63	693609	21.606 ug/L	100
38) Bromodichloromethane	6.55	83	863154	21.022 ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	1030790	23.799 ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	4120152	227.527 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	2974616	22.504	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	796053	23.001	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	457720	20.709	ug/L	97
47) Tetrachloroethene	8.01	164	652790	21.363	ug/L	99
48) 2-Hexanone	8.18	43	2882592	227.707	ug/L	99
49) Dibromochloromethane	8.29	129	594870	21.795	ug/L	100
50) 1,2-Dibromoethane	8.39	107	437291	21.172	ug/L	99
51) Chlorobenzene	8.92	112	1879362	21.561	ug/L	99
52) Ethylbenzene	9.05	91	3334007	23.538	ug/L	100
53) m,p-xylene	9.18	106	1287567	24.259	ug/L	97
54) o-xylene	9.58	106	1221906	24.340	ug/L	97
55) Styrene	9.60	104	2083124	24.466	ug/L	99
56) Isopropylbenzene	9.97	105	3294734	24.030	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	516173	22.074	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	392476	20.979	ug/L	98
61) Bromoform	9.77	173	349722	21.097	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	1607207	21.336	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	1585279	21.297	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	1448102	21.325	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	77903	21.415	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	1320550	22.890	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	1084271	24.809	ug/L	99
69) Naphthalene	13.55	128	1627149	27.565	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	995517	24.383	ug/L	100

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

