

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090919\
 Data File : VV012623.D
 Acq On : 09 Sep 2019 14:48
 Operator : SY/MD
 Sample : VSTD00133
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00133

Quant Time: Sep 10 08:56:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 10 08:53:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	420923	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	425525	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	195225	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29858	1.22	ug/L	0.00
7) Chloroethane-d5	1.58	69	23247	1.13	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	46186	1.14	ug/L	0.00
20) 2-Butanone-d5	3.97	46	68653	11.49	ug/L	0.00
24) Chloroform-d	4.40	84	51434	1.13	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	25040	1.14	ug/L	0.00
32) Benzene-d6	5.09	84	95731	1.05	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	30148	1.05	ug/L	0.00
41) Toluene-d8	7.36	98	80211	0.95	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	9847	1.00	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	31668	8.40	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	22204	1.07	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	32523	1.13	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	33676	1.096 ug/L	96
3) Chloromethane	1.25	50	36345	1.227 ug/L	100
5) Vinyl chloride	1.32	62	36904	1.193 ug/L	99
6) Bromomethane	1.53	94	19910	1.178 ug/L	96
8) Chloroethane	1.60	64	21702	1.182 ug/L	94
9) Trichlorofluoromethane	1.77	101	46316	1.179 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	26674	1.133 ug/L	97
12) 1,1-Dichloroethene	2.14	96	25728	1.171 ug/L	98
13) Acetone	2.23	43	43029	13.149 ug/L	98
14) Carbon disulfide	2.31	76	67936	1.129 ug/L	98
15) Methyl Acetate	2.47	43	11134	1.249 ug/L	98
16) Methylene chloride	2.53	84	33914	1.433 ug/L	99
17) Methyl tert-butyl Ether	2.81	73	61334	1.191 ug/L	100
18) trans-1,2-Dichloroethene	2.78	96	27848	1.109 ug/L	97
19) 1,1-Dichloroethane	3.23	63	54298	1.149 ug/L	96
21) 2-Butanone	4.06	43	68417	11.490 ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	30263	1.127 ug/L	99
23) Bromochloromethane	4.30	128	13597	1.174 ug/L	98
25) Chloroform	4.42	83	62841	1.276 ug/L	98
27) 1,2-Dichloroethane	5.18	62	31271	1.140 ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	43264	1.089 ug/L	98
30) Cyclohexane	4.72	56	39218	0.978 ug/L	99
31) Carbon tetrachloride	4.87	117	38046	1.081 ug/L	98
33) Benzene	5.14	78	110826	1.014 ug/L	100
34) Trichloroethene	5.96	95	32134	1.118 ug/L	99
35) Methylcyclohexane	6.17	83	39373	0.944 ug/L	96
37) 1,2-Dichloropropane	6.22	63	29064	1.075 ug/L	# 96
38) Bromodichloromethane	6.55	83	37599	1.117 ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	33707	0.966 ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	150981	10.011 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	110948	0.952	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	25709	0.979	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	20758	1.117	ug/L	97
47) Tetrachloroethene	8.02	164	24448	1.066	ug/L	96
48) 2-Hexanone	8.19	43	106382	9.479	ug/L	97
49) Dibromochloromethane	8.29	129	23623	1.080	ug/L	98
50) 1,2-Dibromoethane	8.40	107	18155	1.109	ug/L	94
51) Chlorobenzene	8.92	112	76115	1.039	ug/L	96
52) Ethylbenzene	9.05	91	114315	0.939	ug/L	98
53) m,p-xylene	9.18	106	43190	0.922	ug/L	92
54) o-xylene	9.59	106	39532	0.884	ug/L	97
55) Styrene	9.60	104	64404	0.829	ug/L	100
56) Isopropylbenzene	9.97	105	102880	0.865	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	20334	1.099	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	17535	1.127	ug/L	98
61) Bromoform	9.77	173	13400	1.294	ug/L	95
62) 1,3-Dichlorobenzene	11.23	146	55164	1.063	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	56212	1.100	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	53316	1.121	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	2943	1.229	ug/L	84
67) 1,3,5-Trichlorobenzene	12.69	180	40432	1.059	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	31189	1.060	ug/L	98
69) Naphthalene	13.55	128	42992	0.980	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	29259	1.016	ug/L	99

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

