

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080819\
 Data File : VV012132.D
 Acq On : 08 Aug 2019 18:34
 Operator : SY/MD
 Sample : VSTD00135
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00135

Quant Time: Aug 09 06:09:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 09 06:06:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	114956	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	108144	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	57736	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	4700	0.87	ug/L	0.00
7) Chloroethane-d5	1.58	69	3447	0.85	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	9263	0.84	ug/L	0.00
20) 2-Butanone-d5	3.95	46	12102	8.29	ug/L	0.00
24) Chloroform-d	4.40	84	13491	0.93	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	6740	0.84	ug/L	0.00
32) Benzene-d6	5.10	84	24125	0.88	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	6711	0.90	ug/L	0.00
41) Toluene-d8	7.36	98	24697	0.94	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	3184	0.93	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	10590	9.10	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	5415	0.95	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	10138	0.94	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	10557	0.856 ug/L	94
3) Chloromethane	1.25	50	4556	0.783 ug/L	92
5) Vinyl chloride	1.32	62	5482	0.851 ug/L	95
6) Bromomethane	1.53	94	2928	0.748 ug/L	88
8) Chloroethane	1.60	64	2992	0.850 ug/L	99
9) Trichlorofluoromethane	1.77	101	10474	0.843 ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	4541	0.850 ug/L	95
12) 1,1-Dichloroethene	2.14	96	4561	0.928 ug/L	86
13) Acetone	2.20	43	8102	10.962 ug/L	95
14) Carbon disulfide	2.32	76	12050	0.890 ug/L	99
15) Methyl Acetate	2.47	43	1582	0.939 ug/L #	83
16) Methylene chloride	2.53	84	4731	0.932 ug/L	95
17) Methyl tert-butyl Ether	2.81	73	15659	0.952 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	6334	0.862 ug/L	91
19) 1,1-Dichloroethane	3.22	63	10491	0.821 ug/L	99
21) 2-Butanone	4.04	43	12113	8.296 ug/L	74
22) cis-1,2-Dichloroethene	3.96	96	6776	0.854 ug/L	92
23) Bromochloromethane	4.30	128	3402	0.950 ug/L #	90
25) Chloroform	4.42	83	13362	0.804 ug/L	94
27) 1,2-Dichloroethane	5.18	62	7576	0.814 ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	12140	0.871 ug/L	99
30) Cyclohexane	4.72	56	9039	0.866 ug/L	93
31) Carbon tetrachloride	4.87	117	11620	0.920 ug/L	100
33) Benzene	5.14	78	24075	0.857 ug/L	100
34) Trichloroethene	5.96	95	7311	0.896 ug/L	83
35) Methylcyclohexane	6.17	83	10896	0.881 ug/L	97
37) 1,2-Dichloropropane	6.22	63	5310	0.821 ug/L	100
38) Bromodichloromethane	6.56	83	8982	0.922 ug/L #	98
39) cis-1,3-Dichloropropene	7.07	75	9063	0.888 ug/L	97
40) 4-Methyl-2-pentanone	7.27	43	29628	8.372 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	27174	0.878	ug/L	96
44) trans-1,3-Dichloropropene	7.69	75	7196	0.861	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	4828	0.982	ug/L	85
47) Tetrachloroethene	8.02	164	6482	0.857	ug/L	95
48) 2-Hexanone	8.19	43	21398	8.641	ug/L	99
49) Dibromochloromethane	8.29	129	6710	1.018	ug/L	87
50) 1,2-Dibromoethane	8.40	107	4466	0.930	ug/L	92
51) Chlorobenzene	8.92	112	18919	0.896	ug/L	97
52) Ethylbenzene	9.05	91	31381	0.881	ug/L	98
53) m,p-xylene	9.18	106	12105	0.882	ug/L	95
54) o-xylene	9.59	106	11772	0.893	ug/L	95
55) Styrene	9.60	104	19445	0.872	ug/L	93
56) Isopropylbenzene	9.97	105	31846	0.872	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.28	83	4929	0.903	ug/L	89
59) 1,2,3-Trichloropropane	10.32	75	4044	0.984	ug/L	98
61) Bromoform	9.77	173	4272	1.173	ug/L #	95
62) 1,3-Dichlorobenzene	11.22	146	16186	0.916	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	17153	0.954	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	15835	0.986	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	820	0.923	ug/L	87
67) 1,3,5-Trichlorobenzene	12.69	180	14201	0.972	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	11594	0.970	ug/L	99
69) Naphthalene	13.55	128	19085	1.142	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	11064	1.034	ug/L	98

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

