

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122319\
 Data File : VV014155.D
 Acq On : 23 Dec 2019 11:30
 Operator : SY/MD
 Sample : VSTD00134
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00134

Quant Time: Dec 23 12:19:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Dec 23 12:16:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	398184	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	374988	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	187777	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24798	1.01	ug/L	0.00
7) Chloroethane-d5	1.58	69	21313	1.02	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	45471	1.10	ug/L	0.00
20) 2-Butanone-d5	3.96	46	42479	8.29	ug/L	0.02
24) Chloroform-d	4.40	84	48901	0.98	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	22929	0.97	ug/L	0.00
32) Benzene-d6	5.10	84	89469	0.92	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	28405	0.99	ug/L	0.00
41) Toluene-d8	7.36	98	74688	0.82	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	10367	0.92	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	28313	6.84	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.25	84	19173	0.96	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	29073	0.88	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	29518	1.113 ug/L	99
3) Chloromethane	1.25	50	30293	1.301 ug/L	95
5) Vinyl chloride	1.32	62	28707	1.207 ug/L	96
6) Bromomethane	1.53	94	15739	1.257 ug/L	98
8) Chloroethane	1.60	64	17439	1.217 ug/L	96
9) Trichlorofluoromethane	1.77	101	39345	1.065 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	22615	1.030 ug/L	96
12) 1,1-Dichloroethene	2.14	96	20792	1.086 ug/L	80
13) Acetone	2.22	43	45003	12.561 ug/L	95
14) Carbon disulfide	2.32	76	64834	1.467 ug/L #	93
15) Methyl Acetate	2.47	43	8385	1.045 ug/L #	83
16) Methylene chloride	2.53	84	29733	1.134 ug/L	96
17) Methyl tert-butyl Ether	2.80	73	48112	0.918 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	24193	1.119 ug/L	96
19) 1,1-Dichloroethane	3.23	63	44569	1.033 ug/L	98
21) 2-Butanone	4.05	43	47900	8.845 ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	24200	0.955 ug/L #	100
23) Bromochloromethane	4.30	128	11485	1.031 ug/L	95
25) Chloroform	4.42	83	47476	1.038 ug/L	99
27) 1,2-Dichloroethane	5.18	62	24842	0.949 ug/L	95
29) 1,1,1-Trichloroethane	4.65	97	40931	1.067 ug/L	96
30) Cyclohexane	4.72	56	35457	1.106 ug/L #	91
31) Carbon tetrachloride	4.87	117	35063	1.039 ug/L	96
33) Benzene	5.14	78	94159	1.024 ug/L	100
34) Trichloroethene	5.96	95	26321	1.037 ug/L	95
35) Methylcyclohexane	6.17	83	33924	1.002 ug/L	98
37) 1,2-Dichloropropane	6.22	63	23972	1.014 ug/L	98
38) Bromodichloromethane	6.55	83	31635	1.014 ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	29257	0.872 ug/L	96
40) 4-Methyl-2-pentanone	7.27	43	112119	8.128 ug/L	98

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

42) Toluene	7.43	91	92805	0.941	ug/L	95
44) trans-1,3-Dichloropropene	7.69	75	24570	0.936	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	16408	0.974	ug/L	95
47) Tetrachloroethene	8.02	164	22074	1.002	ug/L	95
48) 2-Hexanone	8.19	43	75526	7.671	ug/L	97
49) Dibromochloromethane	8.29	129	19761	0.915	ug/L	90
50) 1,2-Dibromoethane	8.40	107	15124	0.991	ug/L #	90
51) Chlorobenzene	8.92	112	63127	0.920	ug/L	98
52) Ethylbenzene	9.05	91	90268	0.842	ug/L	100
53) m,p-xylene	9.18	106	33163	0.812	ug/L	97
54) o-xylene	9.58	106	31606	0.792	ug/L	97
55) Styrene	9.60	104	52565	0.763	ug/L	98
56) Isopropylbenzene	9.97	105	81419	0.749	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.28	83	18467	0.998	ug/L	98
59) 1,2,3-Trichloropropane	10.31	75	13869	0.956	ug/L	97
61) Bromoform	9.77	173	11637	0.985	ug/L	96
62) 1,3-Dichlorobenzene	11.22	146	47665	0.874	ug/L	97
63) 1,4-Dichlorobenzene	11.31	146	49128	0.885	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	44903	0.887	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	3068	1.043	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	40128	0.871	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	31422	0.832	ug/L	99
69) Naphthalene	13.55	128	33599	0.653	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	28092	0.816	ug/L	98

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

