

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122719\
 Data File : VV014186.D
 Acq On : 27 Dec 2019 11:45
 Operator : SY/MD
 Sample : VSTD00135
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00135

Quant Time: Dec 27 13:35:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 27 13:32:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	780057	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	718022	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	339081	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37600	0.67	ug/L	0.00
7) Chloroethane-d5	1.58	69	32336	0.69	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	69339	0.73	ug/L	0.00
20) 2-Butanone-d5	3.96	46	88154	8.35	ug/L	0.01
24) Chloroform-d	4.40	84	90526	0.85	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	44052	0.86	ug/L	0.00
32) Benzene-d6	5.10	84	199931	1.01	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	60312	1.02	ug/L	0.00
41) Toluene-d8	7.36	98	186696	1.05	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	27176	1.19	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	98091	12.14	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	43737	1.02	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	63931	1.05	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	64763	1.028	ug/L 96
3) Chloromethane	1.25	50	54745	0.844	ug/L 96
5) Vinyl chloride	1.32	62	53390	0.880	ug/L 99
6) Bromomethane	1.53	94	22580	0.675	ug/L 98
8) Chloroethane	1.60	64	28640	0.795	ug/L 90
9) Trichlorofluoromethane	1.77	101	70333	0.860	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	37189	0.807	ug/L 97
12) 1,1-Dichloroethene	2.14	96	35741	0.795	ug/L 89
13) Acetone	2.21	43	64214	7.466	ug/L 94
14) Carbon disulfide	2.32	76	156793	1.049	ug/L 99
15) Methyl Acetate	2.47	43	14887	0.733	ug/L 94
16) Methylene chloride	2.53	84	62412	1.032	ug/L 98
17) Methyl tert-butyl Ether	2.80	73	131513	1.188	ug/L 97
18) trans-1,2-Dichloroethene	2.79	96	53778	1.011	ug/L 97
19) 1,1-Dichloroethane	3.23	63	99959	1.012	ug/L 97
21) 2-Butanone	4.04	43	99033	8.406	ug/L # 70
22) cis-1,2-Dichloroethene	3.96	96	59553	1.087	ug/L # 97
23) Bromochloromethane	4.30	128	21982	0.868	ug/L # 90
25) Chloroform	4.42	83	101950	1.007	ug/L 100
27) 1,2-Dichloroethane	5.18	62	56726	0.985	ug/L 97
29) 1,1,1-Trichloroethane	4.66	97	88681	1.062	ug/L 99
30) Cyclohexane	4.72	56	99579	1.246	ug/L 97
31) Carbon tetrachloride	4.87	117	75773	1.019	ug/L 98
33) Benzene	5.14	78	221609	1.094	ug/L 100
34) Trichloroethene	5.96	95	59507	1.115	ug/L 97
35) Methylcyclohexane	6.17	83	103183	1.303	ug/L 98
37) 1,2-Dichloropropane	6.22	63	51568	1.032	ug/L 98
38) Bromodichloromethane	6.55	83	69894	1.075	ug/L 93
39) cis-1,3-Dichloropropene	7.07	75	83715	1.189	ug/L 99
40) 4-Methyl-2-pentanone	7.27	43	343810	12.624	ug/L 99

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

42) Toluene	7.43	91	251975	1.189	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	69657	1.258	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	37737	1.087	ug/L	97
47) Tetrachloroethene	8.02	164	43314	0.900	ug/L	96
48) 2-Hexanone	8.19	43	232797	11.701	ug/L	99
49) Dibromochloromethane	8.29	129	47007	1.069	ug/L	94
50) 1,2-Dibromoethane	8.39	107	35259	1.105	ug/L	93
51) Chlorobenzene	8.92	112	152001	1.098	ug/L	99
52) Ethylbenzene	9.05	91	279730	1.267	ug/L	97
53) m,p-xylene	9.18	106	100553	1.179	ug/L	99
54) o-xylene	9.59	106	101037	1.259	ug/L	92
55) Styrene	9.60	104	169152	1.221	ug/L	99
56) Isopropylbenzene	9.97	105	270565	1.276	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	47043	1.156	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	32812	1.088	ug/L	97
61) Bromoform	9.77	173	24770	1.060	ug/L #	98
62) 1,3-Dichlorobenzene	11.22	146	115492	1.167	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	115527	1.153	ug/L	97
65) 1,2-Dichlorobenzene	11.68	146	104404	1.133	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.47	75	9281	1.643	ug/L	89
67) 1,3,5-Trichlorobenzene	12.69	180	84205	1.035	ug/L	99
68) 1,2,4-trichlorobenzene	13.30	180	74670	1.125	ug/L	97
69) Naphthalene	13.55	128	128124	1.471	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	63796	1.042	ug/L	98

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

