

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122719\
 Data File : VV014188.D
 Acq On : 27 Dec 2019 13:12
 Operator : SY/MD
 Sample : VSTD01031
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01031

Quant Time: Dec 27 13:36:23 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	772629	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	710643	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	334036	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	351536	6.34	ug/L	0.00
7) Chloroethane-d5	1.58	69	288294	6.22	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	617017	6.57	ug/L	0.00
20) 2-Butanone-d5	3.94	46	916288	87.62	ug/L	0.00
24) Chloroform-d	4.40	84	889658	8.44	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	435552	8.54	ug/L	0.00
32) Benzene-d6	5.09	84	1874381	9.61	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	578666	9.89	ug/L	0.00
41) Toluene-d8	7.36	98	1748364	9.95	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	246772	10.90	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	1017121	127.17	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.25	84	407977	9.57	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	559756	9.36	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	537389	8.614 ug/L	99
3) Chloromethane	1.25	50	511689	7.963 ug/L	99
5) Vinyl chloride	1.32	62	477267	7.945 ug/L	98
6) Bromomethane	1.53	94	234855	7.092 ug/L	96
8) Chloroethane	1.60	64	256968	7.198 ug/L	99
9) Trichlorofluoromethane	1.77	101	595516	7.353 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	327952	7.185 ug/L	97
12) 1,1-Dichloroethene	2.14	96	323300	7.257 ug/L	92
13) Acetone	2.21	43	462148	54.251 ug/L	94
14) Carbon disulfide	2.32	76	1383636	9.346 ug/L	100
15) Methyl Acetate	2.47	43	211979	10.540 ug/L	91
16) Methylene chloride	2.53	84	502815	8.394 ug/L	96
17) Methyl tert-butyl Ether	2.80	73	1215924	11.093 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	505435	9.592 ug/L	99
19) 1,1-Dichloroethane	3.23	63	954032	9.756 ug/L	98
21) 2-Butanone	4.03	43	1064462	91.223 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	562831	10.374 ug/L	# 99
23) Bromochloromethane	4.30	128	220366	8.790 ug/L	97
25) Chloroform	4.42	83	968503	9.663 ug/L	100
27) 1,2-Dichloroethane	5.18	62	545420	9.560 ug/L	95
29) 1,1,1-Trichloroethane	4.66	97	819755	9.917 ug/L	100
30) Cyclohexane	4.72	56	873469	11.045 ug/L	98
31) Carbon tetrachloride	4.87	117	699439	9.507 ug/L	99
33) Benzene	5.14	78	2099356	10.471 ug/L	100
34) Trichloroethene	5.96	95	561062	10.624 ug/L	98
35) Methylcyclohexane	6.17	83	910172	11.612 ug/L	98
37) 1,2-Dichloropropane	6.22	63	521137	10.533 ug/L	99
38) Bromodichloromethane	6.55	83	692239	10.757 ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	858193	12.313 ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	3190459	118.365 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	2235451	10.659	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	659299	12.032	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	350853	10.209	ug/L	99
47) Tetrachloroethene	8.01	164	378250	7.945	ug/L	97
48) 2-Hexanone	8.18	43	2238943	113.700	ug/L	98
49) Dibromochloromethane	8.29	129	443002	10.177	ug/L	97
50) 1,2-Dibromoethane	8.39	107	333819	10.567	ug/L	97
51) Chlorobenzene	8.92	112	1400737	10.222	ug/L	99
52) Ethylbenzene	9.05	91	2500637	11.447	ug/L	99
53) m,p-xylene	9.18	106	936375	11.091	ug/L	99
54) o-xylene	9.58	106	926905	11.674	ug/L	98
55) Styrene	9.60	104	1558898	11.374	ug/L	98
56) Isopropylbenzene	9.97	105	2412220	11.495	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	408943	10.157	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	310389	10.397	ug/L	98
61) Bromoform	9.77	173	227925	9.897	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	1035105	10.617	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	1013576	10.266	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	943434	10.393	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	72739	13.068	ug/L	92
67) 1,3,5-Trichlorobenzene	12.69	180	755674	9.426	ug/L	98
68) 1,2,4-trichlorobenzene	13.30	180	660175	10.095	ug/L	99
69) Naphthalene	13.54	128	1248403	14.547	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	580140	9.617	ug/L	99

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

