

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122319\
 Data File : VV014157.D
 Acq On : 23 Dec 2019 12:18
 Operator : SY/MD
 Sample : VSTD01036
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01036

Quant Time: Dec 23 12:47:53 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	386782	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	371420	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	209243	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	276770	11.56	ug/L	0.00
7) Chloroethane-d5	1.58	69	232593	11.44	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	473595	11.75	ug/L	0.00
20) 2-Butanone-d5	3.94	46	577342	116.01	ug/L	0.00
24) Chloroform-d	4.40	84	540593	11.20	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	261568	11.39	ug/L	0.00
32) Benzene-d6	5.09	84	1087084	11.34	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	319488	11.19	ug/L	0.00
41) Toluene-d8	7.35	98	1025203	11.40	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	125568	11.30	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	506643	123.57	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.25	84	234590	11.84	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	382335	10.35	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	309342	12.008 ug/L	100
3) Chloromethane	1.25	50	329784	14.578 ug/L	99
5) Vinyl chloride	1.32	62	308007	13.330 ug/L	98
6) Bromomethane	1.53	94	174974	14.381 ug/L	99
8) Chloroethane	1.60	64	179095	12.862 ug/L	96
9) Trichlorofluoromethane	1.77	101	403513	11.246 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	228288	10.707 ug/L	97
12) 1,1-Dichloroethene	2.14	96	222970	11.990 ug/L	92
13) Acetone	2.21	43	378038	108.628 ug/L	98
14) Carbon disulfide	2.31	76	795102	18.520 ug/L	100
15) Methyl Acetate	2.47	43	109996	14.118 ug/L	94
16) Methylene chloride	2.53	84	284703	11.177 ug/L	96
17) Methyl tert-butyl Ether	2.80	73	604107	11.870 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	279188	13.295 ug/L	99
19) 1,1-Dichloroethane	3.23	63	516866	12.329 ug/L	99
21) 2-Butanone	4.03	43	656244	124.753 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	296207	12.029 ug/L	98
23) Bromochloromethane	4.29	128	133676	12.354 ug/L	99
25) Chloroform	4.42	83	526126	11.838 ug/L	98
27) 1,2-Dichloroethane	5.17	62	313406	12.321 ug/L	97
29) 1,1,1-Trichloroethane	4.65	97	449024	11.818 ug/L	99
30) Cyclohexane	4.72	56	454462	14.317 ug/L	99
31) Carbon tetrachloride	4.87	117	398547	11.923 ug/L	100
33) Benzene	5.14	78	1150354	12.627 ug/L	100
34) Trichloroethene	5.96	95	295857	11.772 ug/L	94
35) Methylcyclohexane	6.17	83	458474	13.671 ug/L	99
37) 1,2-Dichloropropane	6.22	63	284367	12.144 ug/L	99
38) Bromodichloromethane	6.55	83	360756	11.676 ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	411479	12.384 ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	1649414	120.723 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	1230757	12.594	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	322251	12.391	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	193513	11.596	ug/L	99
47) Tetrachloroethene	8.01	164	260647	11.943	ug/L	97
48) 2-Hexanone	8.18	43	1222943	125.401	ug/L	99
49) Dibromochloromethane	8.29	129	249190	11.643	ug/L	96
50) 1,2-Dibromoethane	8.39	107	182372	12.068	ug/L	96
51) Chlorobenzene	8.92	112	767854	11.293	ug/L	98
52) Ethylbenzene	9.05	91	1313173	12.370	ug/L	98
53) m,p-xylene	9.18	106	513316	12.683	ug/L	99
54) o-xylene	9.58	106	485952	12.299	ug/L	98
55) Styrene	9.60	104	850018	12.460	ug/L	100
56) Isopropylbenzene	9.97	105	1290103	11.982	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	227315	12.397	ug/L	98
59) 1,2,3-Trichloropropane	10.31	75	166285	11.569	ug/L	99
61) Bromoform	9.77	173	148456	11.273	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	650670	10.704	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	647660	10.468	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	595500	10.556	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	34556	10.540	ug/L	98
67) 1,3,5-Trichlorobenzene	12.69	180	524564	10.216	ug/L	99
68) 1,2,4-trichlorobenzene	13.30	180	437061	10.379	ug/L	100
69) Naphthalene	13.55	128	623267	10.870	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	415981	10.844	ug/L	99

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

