

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111519\
 Data File : VV013639.D
 Acq On : 15 Nov 2019 13:54
 Operator : SY/MD
 Sample : VSTD01034
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01034

Quant Time: Nov 15 23:08:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 15 23:03:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	372903	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	355084	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	195848	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	250466	10.72	ug/L	0.00
7) Chloroethane-d5	1.58	69	223718	11.71	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	452980	11.18	ug/L	0.00
20) 2-Butanone-d5	3.96	46	634578	141.97	ug/L	0.00
24) Chloroform-d	4.40	84	553036	13.09	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	265198	12.75	ug/L	0.00
32) Benzene-d6	5.09	84	1110689	12.67	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	327312	11.20	ug/L	0.00
41) Toluene-d8	7.35	98	1059103	12.27	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	125868	11.51	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	526136	121.95	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	236832	11.53	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	401057	11.60	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	365945	10.486 ug/L	99
3) Chloromethane	1.25	50	355186	11.219 ug/L	99
5) Vinyl chloride	1.32	62	336573	10.905 ug/L	99
6) Bromomethane	1.53	94	204673	11.799 ug/L	99
8) Chloroethane	1.60	64	196604	11.614 ug/L	95
9) Trichlorofluoromethane	1.77	101	446472	10.725 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	247310	10.506 ug/L	99
12) 1,1-Dichloroethene	2.14	96	238086	10.808 ug/L	95
13) Acetone	2.23	43	373150	125.682 ug/L	90
14) Carbon disulfide	2.31	76	820861	12.428 ug/L	100
15) Methyl Acetate	2.47	43	111564	12.631 ug/L	94
16) Methylene chloride	2.53	84	293332	11.800 ug/L	97
17) Methyl tert-butyl Ether	2.80	73	623190	11.905 ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	295183	12.258 ug/L	97
19) 1,1-Dichloroethane	3.23	63	535371	12.304 ug/L	99
21) 2-Butanone	4.04	43	680512	126.288 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	320175	12.259 ug/L	# 98
23) Bromochloromethane	4.29	128	141243	12.087 ug/L	98
25) Chloroform	4.42	83	565256	10.443 ug/L	97
27) 1,2-Dichloroethane	5.18	62	321114	11.134 ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	472915	11.886 ug/L	99
30) Cyclohexane	4.72	56	491503	12.371 ug/L	98
31) Carbon tetrachloride	4.87	117	426086	11.871 ug/L	97
33) Benzene	5.14	78	1208933	11.510 ug/L	100
34) Trichloroethene	5.96	95	312914	10.602 ug/L	99
35) Methylcyclohexane	6.17	83	518613	11.960 ug/L	98
37) 1,2-Dichloropropane	6.22	63	290818	10.745 ug/L	100
38) Bromodichloromethane	6.55	83	377317	10.193 ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	432995	11.388 ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	1725059	112.793 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	1314566	11.501	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	336213	11.713	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	201197	10.337	ug/L	99
47) Tetrachloroethene	8.01	164	287331	10.661	ug/L	97
48) 2-Hexanone	8.18	43	1210903	113.956	ug/L	99
49) Dibromochloromethane	8.29	129	258879	10.605	ug/L	99
50) 1,2-Dibromoethane	8.39	107	192462	10.771	ug/L	96
51) Chlorobenzene	8.92	112	828248	11.034	ug/L	99
52) Ethylbenzene	9.05	91	1425817	11.824	ug/L	100
53) m,p-xylene	9.18	106	556973	12.126	ug/L	99
54) o-xylene	9.58	106	524603	12.119	ug/L	98
55) Styrene	9.60	104	911460	12.241	ug/L	99
56) Isopropylbenzene	9.97	105	1411325	12.226	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	230646	10.777	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	169464	10.266	ug/L	99
61) Bromoform	9.77	173	154958	10.421	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	698900	10.931	ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	700257	10.693	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	628755	10.619	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	35129	9.694	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	574086	11.003	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	462467	11.282	ug/L	99
69) Naphthalene	13.55	128	665763	12.628	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	432866	11.413	ug/L	98

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

