

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121319\
 Data File : VU036194.D
 Acq On : 13 Dec 2019 13:47
 Operator : JC/MD
 Sample : VSTD01004
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01004

Quant Time: Dec 14 00:26:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 14 00:22:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	294882	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	304994	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	167391	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	256881	8.88	ug/L	0.00
7) Chloroethane-d5	1.93	69	227336	8.90	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	353815	9.13	ug/L	0.00
20) 2-Butanone-d5	4.69	46	494337	103.64	ug/L	0.00
24) Chloroform-d	5.11	84	406173	9.50	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	206491	9.47	ug/L	0.00
32) Benzene-d6	5.77	84	795270	9.97	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	242174	9.77	ug/L	0.00
41) Toluene-d8	7.93	98	771615	10.49	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	104708	10.01	ug/L	0.00
46) 2-Hexanone-d5	8.67	63	433594	113.24	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	216212	9.72	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	303551	9.66	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	295731	9.073 ug/L	99
3) Chloromethane	1.54	50	361180	8.580 ug/L	99
5) Vinyl chloride	1.62	62	356749	9.174 ug/L	97
6) Bromomethane	1.87	94	181866	7.813 ug/L	98
8) Chloroethane	1.95	64	214634	9.058 ug/L	99
9) Trichlorofluoromethane	2.16	101	444349	9.291 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	215682	9.224 ug/L	99
12) 1,1-Dichloroethene	2.60	96	196064	8.881 ug/L #	87
13) Acetone	2.68	43	336006	81.062 ug/L	96
14) Carbon disulfide	2.82	76	660775	9.038 ug/L	100
15) Methyl Acetate	3.00	43	78467	8.803 ug/L	99
16) Methylene chloride	3.08	84	229757	7.420 ug/L	97
17) Methyl tert-butyl Ether	3.41	73	451506	9.835 ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	212261	9.261 ug/L	97
19) 1,1-Dichloroethane	3.92	63	386665	9.179 ug/L	99
21) 2-Butanone	4.77	43	540443	98.059 ug/L	96
22) cis-1,2-Dichloroethene	4.72	96	233194	9.897 ug/L	98
23) Bromochloromethane	5.02	128	110309	9.407 ug/L	97
25) Chloroform	5.14	83	413454	9.298 ug/L	95
27) 1,2-Dichloroethane	5.84	62	258563	9.880 ug/L	98
29) 1,1,1-Trichloroethane	5.36	97	350505	9.445 ug/L	99
30) Cyclohexane	5.43	56	329743	10.468 ug/L	98
31) Carbon tetrachloride	5.57	117	321959	9.712 ug/L	99
33) Benzene	5.82	78	915754	9.877 ug/L	100
34) Trichloroethene	6.58	95	232590	9.763 ug/L	98
35) Methylcyclohexane	6.80	83	368784	10.894 ug/L	97
37) 1,2-Dichloropropane	6.83	63	228052	9.579 ug/L	98
38) Bromodichloromethane	7.14	83	293274	9.583 ug/L	98
39) cis-1,3-Dichloropropene	7.64	75	333150	10.499 ug/L	97
40) 4-Methyl-2-pentanone	7.83	43	1288413	106.176 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.00	91	1017006	10.384	ug/L	98
44) trans-1,3-Dichloropropene	8.24	75	272864	10.198	ug/L	97
45) 1,1,2-Trichloroethane	8.43	97	172189	9.810	ug/L	91
47) Tetrachloroethene	8.58	164	203805	9.807	ug/L	98
48) 2-Hexanone	8.73	43	967744	108.262	ug/L	98
49) Dibromochloromethane	8.84	129	211801	9.641	ug/L	99
50) 1,2-Dibromoethane	8.96	107	160747	9.739	ug/L	98
51) Chlorobenzene	9.48	112	625231	9.746	ug/L	99
52) Ethylbenzene	9.60	91	1047819	10.903	ug/L	99
53) m,p-Xylene	9.72	106	417847	11.060	ug/L	99
54) o-Xylene	10.13	106	398987	11.069	ug/L	95
55) Styrene	10.14	104	698966	10.888	ug/L	100
56) Isopropylbenzene	10.51	105	1025715	11.154	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	216096	9.739	ug/L	98
59) 1,2,3-Trichloropropane	10.85	75	151042	9.606	ug/L	98
61) Bromoform	10.32	173	127954	8.150	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	530894	9.709	ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	525476	9.754	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	498425	9.500	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	32748	9.637	ug/L	93
67) 1,3,5-Trichlorobenzene	13.24	180	392383	10.799	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	284999	14.085	ug/L	98
69) Naphthalene	14.11	128	388053	17.533	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	279384	14.740	ug/L	98

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

