

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102519\
 Data File : VU035482.D
 Acq On : 25 Oct 2019 12:08
 Operator : JC/SP
 Sample : VSTD01004
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01004

Quant Time: Oct 25 23:21:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 25 23:17:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	224630	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	243165	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	142522	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	296632	17.57	ug/L	0.00
7) Chloroethane-d5	1.93	69	235562	15.88	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.60	63	474751	15.90	ug/L	0.00
20) 2-Butanone-d5	4.70	46	602920	138.95	ug/L	0.00
24) Chloroform-d	5.11	84	436033	15.26	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	227192	14.46	ug/L	0.00
32) Benzene-d6	5.77	84	888838	14.47	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	284411	14.49	ug/L	0.00
41) Toluene-d8	7.93	98	820909	14.01	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	113865	12.60	ug/L	0.00
46) 2-Hexanone-d5	8.68	63	490524	125.95	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.79	84	232069	13.54	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	280468	10.55	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	290264	13.684 ug/L	100
3) Chloromethane	1.54	50	335718	14.989 ug/L	99
5) Vinyl chloride	1.62	62	338269	14.973 ug/L	97
6) Bromomethane	1.87	94	176164	13.768 ug/L	99
8) Chloroethane	1.95	64	196348	13.830 ug/L	100
9) Trichlorofluoromethane	2.16	101	388082	13.501 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	217217	13.203 ug/L	100
12) 1,1-Dichloroethene	2.61	96	203127	12.872 ug/L	98
13) Acetone	2.67	43	417543	135.449 ug/L	99
14) Carbon disulfide	2.82	76	720543	13.995 ug/L	100
15) Methyl Acetate	3.00	43	104153	13.750 ug/L	98
16) Methylene chloride	3.08	84	244582	12.679 ug/L	99
17) Methyl tert-butyl Ether	3.42	73	516156	12.561 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	224516	13.201 ug/L	97
19) 1,1-Dichloroethane	3.92	63	441419	13.979 ug/L	100
21) 2-Butanone	4.78	43	660375	134.356 ug/L	100
22) cis-1,2-Dichloroethene	4.72	96	247995	13.290 ug/L	97
23) Bromochloromethane	5.02	128	108129	13.355 ug/L	96
25) Chloroform	5.14	83	435279	12.653 ug/L	99
27) 1,2-Dichloroethane	5.84	62	271907	13.053 ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	354801	11.797 ug/L	100
30) Cyclohexane	5.43	56	393223	12.341 ug/L	98
31) Carbon tetrachloride	5.57	117	320954	11.832 ug/L	100
33) Benzene	5.82	78	967264	12.608 ug/L	100
34) Trichloroethene	6.58	95	235082	11.661 ug/L	99
35) Methylcyclohexane	6.80	83	398423	12.056 ug/L	96
37) 1,2-Dichloropropane	6.84	63	255843	13.053 ug/L	99
38) Bromodichloromethane	7.15	83	309807	11.970 ug/L	100
39) cis-1,3-Dichloropropene	7.65	75	362925	11.543 ug/L	100
40) 4-Methyl-2-pentanone	7.84	43	1603445	123.386 ug/L	100

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42) Toluene	8.01	91	1025080	12.228	ug/L	100
44) trans-1,3-Dichloropropene	8.25	75	298579	11.650	ug/L	100
45) 1,1,2-Trichloroethane	8.44	97	171064	11.977	ug/L	99
47) Tetrachloroethene	8.58	164	190237	11.370	ug/L	98
48) 2-Hexanone	8.73	43	1100154	120.344	ug/L	96
49) Dibromochloromethane	8.84	129	205359	11.548	ug/L	99
50) 1,2-Dibromoethane	8.96	107	164643	11.668	ug/L	99
51) Chlorobenzene	9.48	112	629529	11.790	ug/L	98
52) Ethylbenzene	9.60	91	1104314	11.857	ug/L	100
53) m,p-Xylene	9.72	106	414183	11.780	ug/L	99
54) o-Xylene	10.13	106	401561	11.723	ug/L	98
55) Styrene	10.14	104	683335	12.195	ug/L	100
56) Isopropylbenzene	10.51	105	1057112	11.576	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	228693	12.321	ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	164721	12.364	ug/L	94
61) Bromoform	10.32	173	122831	9.374	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	466091	9.533	ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	456305	9.502	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	446042	9.727	ug/L	97
66) 1,2-Dibromo-3-chloropropan	13.02	75	29129	8.982	ug/L	99
67) 1,3,5-Trichlorobenzene	13.24	180	308937	10.123	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	180776	9.175	ug/L	97
69) Naphthalene	14.11	128	239819	8.829	ug/L	100
70) 1,2,3-Trichlorobenzene	14.35	180	178265	9.518	ug/L	99

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

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