

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120919\
 Data File : VU036041.D
 Acq On : 09 Dec 2019 11:18
 Operator : JC/MD
 Sample : VSTD00501
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00501

Quant Time: Dec 10 01:06:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 10 00:59:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	289729	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	342800	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	160216	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	113584	3.64	ug/L	0.00
7) Chloroethane-d5	1.93	69	121299	4.62	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	210946	4.53	ug/L	0.00
20) 2-Butanone-d5	4.70	46	195552	35.84	ug/L	0.00
24) Chloroform-d	5.11	84	193469	4.36	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	94876	4.07	ug/L	0.00
32) Benzene-d6	5.77	84	376534	3.90	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	116518	3.73	ug/L	0.00
41) Toluene-d8	7.93	98	366410	4.11	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	46904	3.72	ug/L	0.00
46) 2-Hexanone-d5	8.68	63	188204	38.39	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	94403	3.61	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	133470	4.13	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	131728	4.521	ug/L 100
3) Chloromethane	1.54	50	122718	3.781	ug/L 100
5) Vinyl chloride	1.62	62	131998	4.019	ug/L 100
6) Bromomethane	1.87	94	105145	5.217	ug/L 100
8) Chloroethane	1.95	64	100728	4.726	ug/L 100
9) Trichlorofluoromethane	2.16	101	236747	5.670	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	125754	5.541	ug/L 100
12) 1,1-Dichloroethene	2.61	96	117424	5.537	ug/L 100
13) Acetone	2.68	43	207943	40.301	ug/L 100
14) Carbon disulfide	2.82	76	335718	4.684	ug/L 100
15) Methyl Acetate	3.00	43	34543	3.874	ug/L 100
16) Methylene chloride	3.08	84	111266	3.545	ug/L 100
17) Methyl tert-butyl Ether	3.42	73	195411	4.186	ug/L 100
18) trans-1,2-Dichloroethene	3.39	96	96717	4.523	ug/L 100
19) 1,1-Dichloroethane	3.92	63	178396	4.304	ug/L 100
21) 2-Butanone	4.78	43	238832	37.448	ug/L 100
22) cis-1,2-Dichloroethene	4.72	96	105772	4.636	ug/L 100
23) Bromochloromethane	5.02	128	54149	5.115	ug/L 100
25) Chloroform	5.14	83	199198	4.685	ug/L 100
27) 1,2-Dichloroethane	5.84	62	116770	4.361	ug/L 100
29) 1,1,1-Trichloroethane	5.36	97	166668	4.196	ug/L 100
30) Cyclohexane	5.43	56	132844	3.499	ug/L 100
31) Carbon tetrachloride	5.57	117	153387	4.324	ug/L 100
33) Benzene	5.82	78	419902	4.114	ug/L 100
34) Trichloroethene	6.58	95	106589	4.087	ug/L 100
35) Methylcyclohexane	6.80	83	147248	3.835	ug/L 100
37) 1,2-Dichloropropane	6.83	63	103849	3.777	ug/L 100
38) Bromodichloromethane	7.14	83	137650	4.140	ug/L 100
39) cis-1,3-Dichloropropene	7.64	75	140705	3.867	ug/L 100
40) 4-Methyl-2-pentanone	7.84	43	529799	33.653	ug/L 100

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42) Toluene	8.00	91	467153	4.350	ug/L	100
44) trans-1,3-Dichloropropene	8.25	75	120324	3.857	ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	79599	4.208	ug/L	100
47) Tetrachloroethene	8.58	164	102229	4.706	ug/L	100
48) 2-Hexanone	8.73	43	473094	40.005	ug/L	100
49) Dibromochloromethane	8.84	129	119304	4.944	ug/L	100
50) 1,2-Dibromoethane	8.96	107	86573	4.617	ug/L	100
51) Chlorobenzene	9.48	112	330119	4.778	ug/L	100
52) Ethylbenzene	9.60	91	517310	4.653	ug/L	100
53) m,p-Xylene	9.72	106	201217	4.808	ug/L	100
54) o-Xylene	10.13	106	171841	4.444	ug/L	100
55) Styrene	10.14	104	296465	4.569	ug/L	100
56) Isopropylbenzene	10.51	105	441452	4.357	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	97655	3.884	ug/L	100
59) 1,2,3-Trichloropropane	10.85	75	69541	3.875	ug/L	100
61) Bromoform	10.32	173	63162	4.349	ug/L	100
62) 1,3-Dichlorobenzene	11.77	146	241241	4.635	ug/L	100
63) 1,4-Dichlorobenzene	11.86	146	237211	4.580	ug/L	100
65) 1,2-Dichlorobenzene	12.24	146	228422	4.595	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.02	75	14458	3.797	ug/L	100
67) 1,3,5-Trichlorobenzene	13.24	180	182471	5.018	ug/L	100
68) 1,2,4-trichlorobenzene	13.86	180	94301	4.868	ug/L	100
69) Naphthalene	14.11	128	70294	3.297	ug/L	100
70) 1,2,3-Trichlorobenzene	14.35	180	82706	4.401	ug/L	100

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

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