

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121319\
 Data File : VU036193.D
 Acq On : 13 Dec 2019 13:22
 Operator : JC/MD
 Sample : VSTD00503
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00503

Quant Time: Dec 14 00:25:46 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	274389	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	287642	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	153211	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	113430	4.21	ug/L	0.00
7) Chloroethane-d5	1.93	69	100937	4.25	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	166426	4.61	ug/L	0.00
20) 2-Butanone-d5	4.69	46	218356	49.20	ug/L	0.00
24) Chloroform-d	5.11	84	185501	4.66	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	93296	4.60	ug/L	0.00
32) Benzene-d6	5.77	84	349964	4.65	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	107961	4.62	ug/L	0.00
41) Toluene-d8	7.93	98	341507	4.92	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	46592	4.72	ug/L	0.00
46) 2-Hexanone-d5	8.67	63	177404	49.13	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	98979	4.72	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	134517	4.67	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	148243	4.888	ug/L 100
3) Chloromethane	1.54	50	178205	4.550	ug/L 100
5) Vinyl chloride	1.62	62	175574	4.852	ug/L 100
6) Bromomethane	1.87	94	88065	4.066	ug/L 100
8) Chloroethane	1.95	64	104138	4.723	ug/L 100
9) Trichlorofluoromethane	2.16	101	227478	5.111	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	105118	4.831	ug/L 100
12) 1,1-Dichloroethene	2.61	96	100666	4.901	ug/L 100
13) Acetone	2.68	43	171188	44.384	ug/L 100
14) Carbon disulfide	2.82	76	332636	4.890	ug/L 100
15) Methyl Acetate	3.00	43	40047	4.828	ug/L 100
16) Methylene chloride	3.08	84	120388	4.178	ug/L 100
17) Methyl tert-butyl Ether	3.41	73	209615	4.907	ug/L 100
18) trans-1,2-Dichloroethene	3.39	96	102941	4.827	ug/L 100
19) 1,1-Dichloroethane	3.92	63	194712	4.967	ug/L 100
21) 2-Butanone	4.77	43	255677	49.855	ug/L 100
22) cis-1,2-Dichloroethene	4.72	96	108380	4.944	ug/L 100
23) Bromochloromethane	5.02	128	54524	4.997	ug/L 100
25) Chloroform	5.14	83	203705	4.923	ug/L 100
27) 1,2-Dichloroethane	5.84	62	123474	5.070	ug/L 100
29) 1,1,1-Trichloroethane	5.36	97	172044	4.916	ug/L 100
30) Cyclohexane	5.43	56	146364	4.927	ug/L 100
31) Carbon tetrachloride	5.57	117	157367	5.033	ug/L 100
33) Benzene	5.82	78	443518	5.072	ug/L 100
34) Trichloroethene	6.58	95	113469	5.050	ug/L 100
35) Methylcyclohexane	6.80	83	161130	5.047	ug/L 100
37) 1,2-Dichloropropane	6.83	63	110018	4.900	ug/L 100
38) Bromodichloromethane	7.14	83	144476	5.006	ug/L 100
39) cis-1,3-Dichloropropene	7.64	75	151445	5.061	ug/L 100
40) 4-Methyl-2-pentanone	7.84	43	593931	51.898	ug/L 100

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42) Toluene	8.00	91	481976	5.218	ug/L	100
44) trans-1,3-Dichloropropene	8.24	75	130215	5.160	ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	80739	4.877	ug/L	100
47) Tetrachloroethene	8.58	164	99184	5.061	ug/L	100
48) 2-Hexanone	8.73	43	461506	54.743	ug/L	100
49) Dibromochloromethane	8.84	129	104812	5.059	ug/L	100
50) 1,2-Dibromoethane	8.96	107	78956	5.072	ug/L	100
51) Chlorobenzene	9.47	112	304578	5.034	ug/L	100
52) Ethylbenzene	9.60	91	468824	5.172	ug/L	100
53) m,p-Xylene	9.72	106	189123	5.308	ug/L	100
54) o-Xylene	10.13	106	176913	5.204	ug/L	100
55) Styrene	10.14	104	319693	5.281	ug/L	100
56) Isopropylbenzene	10.51	105	455845	5.256	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	104860	5.011	ug/L	100
59) 1,2,3-Trichloropropane	10.85	75	74427	5.019	ug/L	100
61) Bromoform	10.32	173	61230	4.261	ug/L	100
62) 1,3-Dichlorobenzene	11.77	146	252643	5.048	ug/L	100
63) 1,4-Dichlorobenzene	11.86	146	249456	5.059	ug/L	100
65) 1,2-Dichlorobenzene	12.23	146	237375	4.943	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.02	75	15219	4.893	ug/L	100
67) 1,3,5-Trichlorobenzene	13.24	180	181105	5.445	ug/L	100
68) 1,2,4-trichlorobenzene	13.86	180	119164	6.434	ug/L	100
69) Naphthalene	14.11	128	136856	6.756	ug/L	100
70) 1,2,3-Trichlorobenzene	14.35	180	116954	6.741	ug/L	100

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

