

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021220\
 Data File : VU036727.D
 Acq On : 11 Feb 2020 17:06
 Operator : JC/MD
 Sample : VSTD01001
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01001

Quant Time: Feb 12 07:36:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Feb 12 07:32:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	120651	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	114675	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	53341	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	109337	12.04	ug/L	0.00
7) Chloroethane-d5	1.93	69	95445	11.62	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	182160	11.19	ug/L	0.00
20) 2-Butanone-d5	4.67	46	182022	81.24	ug/L	0.00
24) Chloroform-d	5.11	84	170521	9.81	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	96181	10.26	ug/L	0.00
32) Benzene-d6	5.77	84	369023	10.95	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	118126	10.97	ug/L	0.00
41) Toluene-d8	7.93	98	344349	10.88	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	46436	9.59	ug/L	0.00
46) 2-Hexanone-d5	8.67	63	218732	104.83	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	93427	10.20	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	108218	9.53	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	80145	8.533 ug/L	100
3) Chloromethane	1.54	50	80086	8.793 ug/L	98
5) Vinyl chloride	1.62	62	95886	9.534 ug/L	99
6) Bromomethane	1.87	94	57216	9.813 ug/L	98
8) Chloroethane	1.95	64	63737	10.497 ug/L	99
9) Trichlorofluoromethane	2.16	101	125537	8.951 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	80385	10.630 ug/L	99
12) 1,1-Dichloroethene	2.61	96	72085	9.806 ug/L	97
13) Acetone	2.66	43	270650	154.436 ug/L	99
14) Carbon disulfide	2.82	76	171616	7.506 ug/L	100
15) Methyl Acetate	2.99	43	35020	10.617 ug/L	100
16) Methylene chloride	3.08	84	92616	9.592 ug/L	100
17) Methyl tert-butyl Ether	3.41	73	218299	10.169 ug/L	100
18) trans-1,2-Dichloroethene	3.39	96	75766	9.340 ug/L	100
19) 1,1-Dichloroethane	3.92	63	160011	10.544 ug/L	99
21) 2-Butanone	4.75	43	330969	129.200 ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	92181	9.886 ug/L	98
23) Bromochloromethane	5.02	128	37007	9.657 ug/L	96
25) Chloroform	5.13	83	167912	10.531 ug/L	98
27) 1,2-Dichloroethane	5.84	62	104494	9.972 ug/L	98
29) 1,1,1-Trichloroethane	5.36	97	123806	8.900 ug/L	99
30) Cyclohexane	5.43	56	131777	9.409 ug/L	98
31) Carbon tetrachloride	5.57	117	99609	8.479 ug/L	97
33) Benzene	5.82	78	346482	10.096 ug/L	100
34) Trichloroethene	6.58	95	87770	9.633 ug/L	98
35) Methylcyclohexane	6.80	83	142072	9.831 ug/L	99
37) 1,2-Dichloropropane	6.83	63	95562	10.716 ug/L	100
38) Bromodichloromethane	7.14	83	115247	9.597 ug/L	97
39) cis-1,3-Dichloropropene	7.64	75	143220	9.983 ug/L	100
40) 4-Methyl-2-pentanone	7.83	43	642767	103.214 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.00	91	378828	10.028	ug/L	97
44) trans-1,3-Dichloropropene	8.24	75	113454	9.675	ug/L	98
45) 1,1,2-Trichloroethane	8.43	97	65587	10.163	ug/L	99
47) Tetrachloroethene	8.58	164	58291	9.166	ug/L	96
48) 2-Hexanone	8.72	43	549845	119.593	ug/L	100
49) Dibromochloromethane	8.84	129	71754	8.731	ug/L	94
50) 1,2-Dibromoethane	8.95	107	60474	9.460	ug/L	99
51) Chlorobenzene	9.47	112	233218	9.959	ug/L	98
52) Ethylbenzene	9.60	91	428276	10.256	ug/L	100
53) m,p-Xylene	9.72	106	158546	9.899	ug/L	96
54) o-Xylene	10.13	106	156285	10.020	ug/L	96
55) Styrene	10.14	104	267991	10.143	ug/L	99
56) Isopropylbenzene	10.51	105	419874	10.158	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	88929	10.237	ug/L	100
59) 1,2,3-Trichloropropane	10.85	75	63579	10.347	ug/L	99
61) Bromoform	10.32	173	38857	8.471	ug/L	95
62) 1,3-Dichlorobenzene	11.77	146	180357	10.043	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	179028	10.064	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	171195	10.038	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	13188	8.718	ug/L	95
67) 1,3,5-Trichlorobenzene	13.23	180	130105	10.215	ug/L	99
68) 1,2,4-trichlorobenzene	13.85	180	102193	10.885	ug/L	99
69) Naphthalene	14.10	128	195591	11.718	ug/L	99
70) 1,2,3-Trichlorobenzene	14.34	180	91666	10.156	ug/L	99

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

