

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031120\
 Data File : VU037155.D
 Acq On : 10 Mar 2020 16:42
 Operator : JC/MD
 Sample : VSTD00501
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00501

Quant Time: Mar 11 08:57:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Mar 11 08:42:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	125642	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	124473	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	62475	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	42065	4.04	ug/L	0.00
7) Chloroethane-d5	1.93	69	30452	3.49	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	88371	4.89	ug/L	0.00
20) 2-Butanone-d5	4.68	46	108263	48.59	ug/L	0.00
24) Chloroform-d	5.10	84	86386	5.13	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	48818	5.06	ug/L	0.00
32) Benzene-d6	5.76	84	157047	4.29	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	50001	4.28	ug/L	0.00
41) Toluene-d8	7.92	98	151685	4.42	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	21517	4.66	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	89511	43.34	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	41376	4.45	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	52787	4.35	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	81688	8.220	ug/L 100
3) Chloromethane	1.53	50	67514	6.968	ug/L 100
5) Vinyl chloride	1.62	62	64263	6.026	ug/L 100
6) Bromomethane	1.87	94	24532	4.174	ug/L 100
8) Chloroethane	1.95	64	31126	4.433	ug/L 100
9) Trichlorofluoromethane	2.16	101	89569	6.279	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	47826	5.464	ug/L 100
12) 1,1-Dichloroethene	2.60	96	42529	5.404	ug/L 100
13) Acetone	2.68	43	95583	35.319	ug/L 100
14) Carbon disulfide	2.82	76	140537	6.833	ug/L 100
15) Methyl Acetate	2.99	43	20122	5.146	ug/L 100
16) Methylene chloride	3.08	84	49617	3.869	ug/L 100
17) Methyl tert-butyl Ether	3.40	73	114293	5.027	ug/L 100
18) trans-1,2-Dichloroethene	3.39	96	46516	5.679	ug/L 100
19) 1,1-Dichloroethane	3.91	63	91604	5.425	ug/L 100
21) 2-Butanone	4.76	43	147224	44.720	ug/L 100
22) cis-1,2-Dichloroethene	4.71	96	49431	5.122	ug/L 100
23) Bromochloromethane	5.02	128	22187	5.664	ug/L 100
25) Chloroform	5.13	83	98549	5.406	ug/L 100
27) 1,2-Dichloroethane	5.83	62	67134	5.699	ug/L 100
29) 1,1,1-Trichloroethane	5.36	97	82964	5.790	ug/L 100
30) Cyclohexane	5.42	56	81749	5.462	ug/L 100
31) Carbon tetrachloride	5.56	117	71644	6.110	ug/L 100
33) Benzene	5.81	78	197590	5.083	ug/L 100
34) Trichloroethene	6.57	95	52404	5.248	ug/L 100
35) Methylcyclohexane	6.79	83	82254	5.227	ug/L 100
37) 1,2-Dichloropropane	6.82	63	52281	4.974	ug/L 100
38) Bromodichloromethane	7.14	83	67899	5.309	ug/L 100
39) cis-1,3-Dichloropropene	7.64	75	74569	4.931	ug/L 100
40) 4-Methyl-2-pentanone	7.83	43	365242	53.081	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.00	91	216199	5.162	ug/L	100
44) trans-1,3-Dichloropropene	8.24	75	62654	5.225	ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	37142	5.046	ug/L	100
47) Tetrachloroethene	8.58	164	40456	5.783	ug/L	100
48) 2-Hexanone	8.71	43	272892	47.813	ug/L	100
49) Dibromochloromethane	8.83	129	45407	5.781	ug/L	100
50) 1,2-Dibromoethane	8.95	107	36125	5.357	ug/L	100
51) Chlorobenzene	9.47	112	130661	5.060	ug/L	100
52) Ethylbenzene	9.59	91	238358	5.110	ug/L	100
53) m,p-Xylene	9.71	106	87818	5.132	ug/L	100
54) o-Xylene	10.12	106	83430	5.007	ug/L	100
55) Styrene	10.13	104	139780	4.968	ug/L	100
56) Isopropylbenzene	10.50	105	226191	5.046	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	47094	4.924	ug/L	100
59) 1,2,3-Trichloropropane	10.84	75	35768	5.109	ug/L	100
61) Bromoform	10.31	173	24648	5.560	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	103897	4.823	ug/L	100
63) 1,4-Dichlorobenzene	11.85	146	100943	4.752	ug/L	100
65) 1,2-Dichlorobenzene	12.23	146	98125	4.754	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.02	75	7601	4.960	ug/L	100
67) 1,3,5-Trichlorobenzene	13.24	180	72981	4.854	ug/L	100
68) 1,2,4-trichlorobenzene	13.87	180	49443	4.467	ug/L	100
69) Naphthalene	14.12	128	67850	3.548	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	46984	4.694	ug/L	100

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

