

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
 Data File : VU038406.D
 Acq On : 30 May 2020 11:36
 Operator : JC/MD
 Sample : VSTD00102
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00102

Quant Time: Jun 01 01:27:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 01:25:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	329152	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	318770	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	161002	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	20906	0.98	ug/L	0.00
7) Chloroethane-d5	1.93	69	17049	1.04	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.60	63	41162	0.98	ug/L	0.00
20) 2-Butanone-d5	4.69	46	64669	9.99	ug/L	0.00
24) Chloroform-d	5.10	84	40867	1.02	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	23387	1.03	ug/L	0.00
32) Benzene-d6	5.76	84	80075	1.01	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	24646	1.01	ug/L	0.00
41) Toluene-d8	7.92	98	70216	0.98	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	9635	0.92	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	50535	9.72	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	20625	0.99	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	27271	0.98	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	24228	0.934 ug/L	99
3) Chloromethane	1.53	50	24166	1.014 ug/L	98
5) Vinyl chloride	1.62	62	25084	0.983 ug/L	100
6) Bromomethane	1.88	94	11630	0.938 ug/L	98
8) Chloroethane	1.95	64	15811	1.034 ug/L	97
9) Trichlorofluoromethane	2.16	101	31755	0.938 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	18901	0.948 ug/L	99
12) 1,1-Dichloroethene	2.61	96	19395	0.957 ug/L	93
13) Acetone	2.69	43	44395	10.483 ug/L	96
14) Carbon disulfide	2.82	76	67004	0.974 ug/L	98
15) Methyl Acetate	2.99	43	10466	1.009 ug/L	95
16) Methylene chloride	3.08	84	22777	0.993 ug/L	95
17) Methyl tert-butyl Ether	3.40	73	50806	0.956 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	21444	0.982 ug/L	94
19) 1,1-Dichloroethane	3.91	63	38481	0.984 ug/L	97
21) 2-Butanone	4.76	43	69272	9.724 ug/L	95
22) cis-1,2-Dichloroethene	4.71	96	22552	0.959 ug/L	98
23) Bromochloromethane	5.02	128	10264	0.970 ug/L	95
25) Chloroform	5.12	83	39919	1.005 ug/L	98
27) 1,2-Dichloroethane	5.83	62	27224	0.974 ug/L #	95
29) 1,1,1-Trichloroethane	5.36	97	31281	0.927 ug/L	95
30) Cyclohexane	5.42	56	31447	0.889 ug/L	98
31) Carbon tetrachloride	5.56	117	26434	0.941 ug/L	95
33) Benzene	5.81	78	89704	1.009 ug/L	100
34) Trichloroethene	6.57	95	22669	0.983 ug/L	97
35) Methylcyclohexane	6.79	83	31378	0.878 ug/L	99
37) 1,2-Dichloropropane	6.82	63	21552	0.964 ug/L	100
38) Bromodichloromethane	7.13	83	26927	0.969 ug/L	96
39) cis-1,3-Dichloropropene	7.63	75	30429	0.920 ug/L	95
40) 4-Methyl-2-pentanone	7.82	43	150220	9.391 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	91679	0.983	ug/L	97
44) trans-1,3-Dichloropropene	8.23	75	27159	0.930	ug/L	97
45) 1,1,2-Trichloroethane	8.42	97	16333	0.968	ug/L	94
47) Tetrachloroethene	8.57	164	16412	0.979	ug/L	96
48) 2-Hexanone	8.71	43	114271	9.432	ug/L	99
49) Dibromochloromethane	8.83	129	16618	0.912	ug/L	99
50) 1,2-Dibromoethane	8.94	107	15520	0.960	ug/L	98
51) Chlorobenzene	9.47	112	59395	0.988	ug/L	97
52) Ethylbenzene	9.59	91	97806	0.943	ug/L	98
53) m,p-Xylene	9.71	106	37022	0.928	ug/L	98
54) o-Xylene	10.11	106	36272	0.947	ug/L	96
55) Styrene	10.13	104	59910	0.922	ug/L	97
56) Isopropylbenzene	10.50	105	95072	0.943	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.80	83	20691	0.965	ug/L	97
59) 1,2,3-Trichloropropane	10.84	75	15964	0.956	ug/L	100
61) Bromoform	10.31	173	9596	0.957	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	45881	0.970	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	46417	0.968	ug/L	97
65) 1,2-Dichlorobenzene	12.22	146	44471	0.990	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	3300	0.907	ug/L	95
67) 1,3,5-Trichlorobenzene	13.24	180	33262	0.942	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	30185	0.924	ug/L	96
69) Naphthalene	14.11	128	56304	0.866	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	28067	0.944	ug/L	96

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

