

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112320\
 Data File : VU041384.D
 Acq On : 23 Nov 2020 13:06
 Operator : SY/MD
 Sample : VSTD01001
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01001

Quant Time: Nov 24 01:07:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 24 01:04:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	75920	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	77297	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	40771	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	53645	9.85	ug/L	0.00
7) Chloroethane-d5	1.92	69	36321	8.12	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	108271	9.54	ug/L	0.00
20) 2-Butanone-d5	4.64	46	138145	66.56	ug/L	0.00
24) Chloroform-d	5.08	84	107038	9.05	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	61360	8.15	ug/L	0.00
32) Benzene-d6	5.74	84	191803	9.47	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	60694	8.66	ug/L	0.00
41) Toluene-d8	7.91	98	186566	9.75	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	27957	9.32	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	100210	67.66	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49529	7.38	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	64528	8.43	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	75719	11.607 ug/L	100
3) Chloromethane	1.53	50	62849	9.398 ug/L	95
5) Vinyl chloride	1.61	62	67983	10.368 ug/L	97
6) Bromomethane	1.86	94	27556	7.549 ug/L	99
8) Chloroethane	1.94	64	35994	8.538 ug/L	95
9) Trichlorofluoromethane	2.14	101	107085	10.401 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	56200	10.145 ug/L	97
12) 1,1-Dichloroethene	2.59	96	50976	10.369 ug/L	92
13) Acetone	2.63	43	93698	66.607 ug/L	97
14) Carbon disulfide	2.80	76	173332	11.598 ug/L	99
15) Methyl Acetate	2.96	43	23954	8.091 ug/L	98
16) Methylene chloride	3.06	84	56804	9.155 ug/L	98
17) Methyl tert-butyl Ether	3.38	73	127010	9.560 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	52546	10.796 ug/L	94
19) 1,1-Dichloroethane	3.89	63	105019	9.839 ug/L	99
21) 2-Butanone	4.72	43	155224	72.801 ug/L	100
22) cis-1,2-Dichloroethene	4.68	96	57111	10.609 ug/L	96
23) Bromochloromethane	4.99	128	25924	9.728 ug/L	99
25) Chloroform	5.11	83	111114	9.594 ug/L	98
27) 1,2-Dichloroethane	5.81	62	75963	9.299 ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	99891	10.352 ug/L	99
30) Cyclohexane	5.40	56	93867	11.643 ug/L	99
31) Carbon tetrachloride	5.54	117	90747	10.816 ug/L	99
33) Benzene	5.79	78	227308	10.792 ug/L	100
34) Trichloroethene	6.55	95	59034	10.283 ug/L	97
35) Methylcyclohexane	6.77	83	92067	11.724 ug/L	100
37) 1,2-Dichloropropane	6.80	63	60377	9.909 ug/L	98
38) Bromodichloromethane	7.11	83	80107	9.948 ug/L	98
39) cis-1,3-Dichloropropene	7.62	75	86326	10.166 ug/L	100
40) 4-Methyl-2-pentanone	7.80	43	384140	80.870 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	243976	10.838	ug/L	98
44) trans-1,3-Dichloropropene	8.22	75	78687	9.870	ug/L	98
45) 1,1,2-Trichloroethane	8.40	97	41103	8.975	ug/L	97
47) Tetrachloroethene	8.56	164	44311	10.471	ug/L	99
48) 2-Hexanone	8.69	43	285148	81.225	ug/L	99
49) Dibromochloromethane	8.82	129	51838	9.431	ug/L	99
50) 1,2-Dibromoethane	8.93	107	39855	9.323	ug/L	99
51) Chlorobenzene	9.45	112	149943	10.084	ug/L	97
52) Ethylbenzene	9.57	91	264982	10.920	ug/L	99
53) m,p-Xylene	9.70	106	100728	11.471	ug/L	95
54) o-Xylene	10.10	106	95346	11.340	ug/L	100
55) Styrene	10.11	104	167231	11.329	ug/L	99
56) Isopropylbenzene	10.48	105	260786	11.533	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.78	83	51236	8.404	ug/L	100
59) 1,2,3-Trichloropropane	10.82	75	38714	8.245	ug/L	99
61) Bromoform	10.29	173	29211	8.084	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	119521	9.730	ug/L	100
63) 1,4-Dichlorobenzene	11.83	146	120031	9.542	ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	110243	9.204	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.99	75	8285	7.593	ug/L	95
67) 1,3,5-Trichlorobenzene	13.21	180	82575	9.526	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	67988	9.583	ug/L	99
69) Naphthalene	14.08	128	106744	9.330	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	60619	9.146	ug/L	99

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

