

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080320\
 Data File : VU039738.D
 Acq On : 03 Aug 2020 14:26
 Operator : SY/MD
 Sample : VSTD01004
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01004

Quant Time: Aug 03 17:32:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 03 17:28:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	83376	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	83199	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	46002	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	51325	12.70	ug/L	0.00
7) Chloroethane-d5	1.92	69	52776	12.33	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	99878	11.37	ug/L	0.00
20) 2-Butanone-d5	4.65	46	217449	121.15	ug/L	0.00
24) Chloroform-d	5.08	84	120079	11.98	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	70279	10.74	ug/L	0.00
32) Benzene-d6	5.74	84	213269	10.55	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	68606	10.30	ug/L	0.00
41) Toluene-d8	7.91	98	187964	9.92	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	29186	10.24	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	157723	111.54	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	70046	11.37	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	82436	9.94	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	65443	14.666 ug/L	100
3) Chloromethane	1.53	50	64746	13.381 ug/L	96
5) Vinyl chloride	1.61	62	69476	13.781 ug/L	94
6) Bromomethane	1.86	94	42784	13.181 ug/L	97
8) Chloroethane	1.94	64	45650	11.272 ug/L	98
9) Trichlorofluoromethane	2.15	101	105701	10.583 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	55935	12.520 ug/L	98
12) 1,1-Dichloroethene	2.59	96	48918	12.043 ug/L	89
13) Acetone	2.65	43	108079	109.978 ug/L	99
14) Carbon disulfide	2.80	76	157843	12.885 ug/L	98
15) Methyl Acetate	2.96	43	28119	11.635 ug/L	95
16) Methylene chloride	3.06	84	61687	10.519 ug/L	96
17) Methyl tert-butyl Ether	3.38	73	138614	11.119 ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	54575	12.133 ug/L	97
19) 1,1-Dichloroethane	3.89	63	101129	11.246 ug/L	96
21) 2-Butanone	4.73	43	188675	111.110 ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	61323	11.789 ug/L	94
23) Bromochloromethane	4.99	128	28993	11.804 ug/L	91
25) Chloroform	5.11	83	107909	10.521 ug/L	93
27) 1,2-Dichloroethane	5.81	62	77745	11.180 ug/L	100
29) 1,1,1-Trichloroethane	5.33	97	94283	10.667 ug/L	97
30) Cyclohexane	5.41	56	91233	11.555 ug/L	99
31) Carbon tetrachloride	5.54	117	84800	11.103 ug/L	98
33) Benzene	5.79	78	227944	11.197 ug/L	100
34) Trichloroethene	6.55	95	59528	10.672 ug/L	97
35) Methylcyclohexane	6.77	83	96049	11.551 ug/L	97
37) 1,2-Dichloropropane	6.80	63	59506	10.663 ug/L	99
38) Bromodichloromethane	7.11	83	79103	10.781 ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	87910	11.031 ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	470823	107.799 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	243348	11.057	ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	79897	10.907	ug/L	100
45) 1,1,2-Trichloroethane	8.41	97	45482	10.508	ug/L	92
47) Tetrachloroethene	8.56	164	48509	12.492	ug/L	94
48) 2-Hexanone	8.69	43	337344	104.128	ug/L	100
49) Dibromochloromethane	8.82	129	58144	11.143	ug/L	96
50) 1,2-Dibromoethane	8.93	107	45893	10.854	ug/L	94
51) Chlorobenzene	9.45	112	157993	11.045	ug/L	98
52) Ethylbenzene	9.57	91	274954	10.980	ug/L	99
53) m,p-Xylene	9.69	106	107688	11.400	ug/L	97
54) o-Xylene	10.10	106	102768	11.126	ug/L	91
55) Styrene	10.11	104	177922	11.545	ug/L	98
56) Isopropylbenzene	10.48	105	279448	11.195	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	62458	11.259	ug/L	100
59) 1,2,3-Trichloropropane	10.82	75	43023	10.470	ug/L	96
61) Bromoform	10.29	173	31506	9.813	ug/L	92
62) 1,3-Dichlorobenzene	11.74	146	133455	10.596	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	138870	10.815	ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	130298	10.694	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	10512	11.687	ug/L	89
67) 1,3,5-Trichlorobenzene	13.21	180	103488	11.440	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	89440	11.810	ug/L	99
69) Naphthalene	14.08	128	177861	13.681	ug/L	98
70) 1,2,3-Trichlorobenzene	14.32	180	84206	12.337	ug/L	99

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

