

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080320\
 Data File : VU039739.D
 Acq On : 03 Aug 2020 14:50
 Operator : SY/MD
 Sample : VSTD02005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02005

Quant Time: Aug 03 17:32:49 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	88988	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	85364	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	47263	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	106570	24.72	ug/L	0.00
7) Chloroethane-d5	1.92	69	124459	27.25	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	210770	22.49	ug/L	0.00
20) 2-Butanone-d5	4.65	46	450226	235.02	ug/L	0.00
24) Chloroform-d	5.08	84	248621	23.23	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	145458	20.83	ug/L	0.00
32) Benzene-d6	5.74	84	440764	21.25	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	145884	21.34	ug/L	0.00
41) Toluene-d8	7.91	98	382823	19.70	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	62073	21.23	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	346781	239.02	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	141486	22.39	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	168201	19.74	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	137197	28.808 ug/L	99
3) Chloromethane	1.53	50	138804	26.878 ug/L	98
5) Vinyl chloride	1.61	62	143129	26.599 ug/L	96
6) Bromomethane	1.86	94	93654	27.033 ug/L	98
8) Chloroethane	1.94	64	112619	26.055 ug/L	99
9) Trichlorofluoromethane	2.14	101	222805	20.900 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	122513	25.693 ug/L	95
12) 1,1-Dichloroethene	2.59	96	109010	25.145 ug/L	91
13) Acetone	2.65	43	226149	215.609 ug/L	99
14) Carbon disulfide	2.80	76	339491	25.966 ug/L	99
15) Methyl Acetate	2.96	43	57373	22.243 ug/L	96
16) Methylene chloride	3.06	84	127662	20.396 ug/L	95
17) Methyl tert-butyl Ether	3.38	73	295321	22.195 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	115539	24.067 ug/L	97
19) 1,1-Dichloroethane	3.89	63	212144	22.104 ug/L	97
21) 2-Butanone	4.73	43	391766	216.160 ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	128789	23.197 ug/L	97
23) Bromochloromethane	4.99	128	61310	23.386 ug/L	95
25) Chloroform	5.11	83	222569	20.331 ug/L	94
27) 1,2-Dichloroethane	5.81	62	156933	21.144 ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	199209	21.967 ug/L	97
30) Cyclohexane	5.40	56	196091	24.206 ug/L	100
31) Carbon tetrachloride	5.54	117	178884	22.828 ug/L	99
33) Benzene	5.79	78	472934	22.641 ug/L	100
34) Trichloroethene	6.56	95	121542	21.237 ug/L	97
35) Methylcyclohexane	6.77	83	206308	24.182 ug/L	97
37) 1,2-Dichloropropane	6.80	63	125645	21.944 ug/L	99
38) Bromodichloromethane	7.11	83	165760	22.018 ug/L	98
39) cis-1,3-Dichloropropene	7.62	75	188634	23.070 ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	977057	218.032 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	496066	21.967	ug/L	99
44) trans-1,3-Dichloropropene	8.22	75	169855	22.599	ug/L	99
45) 1,1,2-Trichloroethane	8.40	97	93131	20.970	ug/L	93
47) Tetrachloroethene	8.56	164	98280	24.666	ug/L	96
48) 2-Hexanone	8.69	43	705429	212.222	ug/L	100
49) Dibromochloromethane	8.82	129	120349	22.478	ug/L	99
50) 1,2-Dibromoethane	8.93	107	93065	21.452	ug/L	96
51) Chlorobenzene	9.45	112	328952	22.414	ug/L	99
52) Ethylbenzene	9.57	91	572688	22.290	ug/L	97
53) m,p-Xylene	9.69	106	222108	22.916	ug/L	96
54) o-Xylene	10.10	106	215540	22.743	ug/L	91
55) Styrene	10.11	104	372531	23.559	ug/L	99
56) Isopropylbenzene	10.48	105	579972	22.644	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	123492	21.697	ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	88933	21.093	ug/L	98
61) Bromoform	10.29	173	69916	21.195	ug/L	92
62) 1,3-Dichlorobenzene	11.74	146	276378	21.359	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	276345	20.947	ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	261407	20.881	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	21909	23.708	ug/L	90
67) 1,3,5-Trichlorobenzene	13.21	180	211977	22.808	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	186574	23.978	ug/L	97
69) Naphthalene	14.08	128	376561	28.193	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	172822	24.645	ug/L	100

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

