

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082019\
 Data File : VU033846.D
 Acq On : 20 Aug 2019 11:40
 Operator : JC/SP
 Sample : VSTD02003
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02003

Quant Time: Aug 21 05:11:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR082019WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 21 05:04:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	190267	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	200670	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	117367	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	317822	19.61	ug/L	0.00
7) Chloroethane-d5	1.66	69	277059	19.15	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	640945	19.70	ug/L	0.00
20) 2-Butanone-d5	4.16	46	703398	218.83	ug/L	0.00
24) Chloroform-d	4.62	84	535782	19.83	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	275953	18.91	ug/L	0.00
32) Benzene-d6	5.32	84	1064555	21.19	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	333126	20.35	ug/L	0.00
41) Toluene-d8	7.55	98	1039784	22.21	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	141477	22.47	ug/L	0.00
46) 2-Hexanone-d5	8.30	63	614931	273.95	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	289383	20.50	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	418762	20.56	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	340103	19.726	ug/L 100
3) Chloromethane	1.32	50	315019	18.817	ug/L 99
5) Vinyl chloride	1.39	62	360983	19.167	ug/L 100
6) Bromomethane	1.60	94	229531	18.609	ug/L 99
8) Chloroethane	1.68	64	214133	19.370	ug/L 97
9) Trichlorofluoromethane	1.87	101	464061	19.383	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	265880	19.182	ug/L 100
12) 1,1-Dichloroethene	2.27	96	255409	19.409	ug/L 98
13) Acetone	2.31	43	452849	184.274	ug/L 98
14) Carbon disulfide	2.46	76	874872	19.344	ug/L 99
15) Methyl Acetate	2.60	43	119552	19.417	ug/L 99
16) Methylene chloride	2.68	84	277297	17.956	ug/L 99
17) Methyl tert-butyl Ether	2.98	73	646431	19.579	ug/L 100
18) trans-1,2-Dichloroethene	2.96	96	272290	18.778	ug/L 99
19) 1,1-Dichloroethane	3.42	63	409853	19.492	ug/L 99
21) 2-Butanone	4.25	43	575631	218.442	ug/L 97
22) cis-1,2-Dichloroethene	4.20	96	239096	20.966	ug/L 92
23) Bromochloromethane	4.52	128	107076	19.420	ug/L 94
25) Chloroform	4.65	83	417654	17.569	ug/L 98
27) 1,2-Dichloroethane	5.38	62	269302	19.952	ug/L 96
29) 1,1,1-Trichloroethane	4.89	97	355807	19.562	ug/L 97
30) Cyclohexane	4.96	56	351262	22.868	ug/L 99
31) Carbon tetrachloride	5.11	117	321335	19.594	ug/L 99
33) Benzene	5.36	78	916352	20.810	ug/L 100
34) Trichloroethene	6.16	95	231066	19.559	ug/L 93
35) Methylcyclohexane	6.39	83	388209	23.515	ug/L 96
37) 1,2-Dichloropropane	6.41	63	237302	20.365	ug/L 99
38) Bromodichloromethane	6.74	83	295951	19.722	ug/L 99
39) cis-1,3-Dichloropropene	7.25	75	353156	22.937	ug/L 98
40) 4-Methyl-2-pentanone	7.45	43	1427219	231.285	ug/L 98

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42) Toluene	7.62	91	1014753	22.497	ug/L	97
44) trans-1,3-Dichloropropene	7.86	75	290233	22.541	ug/L	99
45) 1,1,2-Trichloroethane	8.05	97	167548	20.092	ug/L	99
47) Tetrachloroethene	8.21	164	196956	20.323	ug/L	97
48) 2-Hexanone	8.35	43	1041625	231.012	ug/L	98
49) Dibromochloromethane	8.46	129	212702	20.430	ug/L	98
50) 1,2-Dibromoethane	8.57	107	164689	20.662	ug/L #	99
51) Chlorobenzene	9.10	112	619146	20.754	ug/L	99
52) Ethylbenzene	9.23	91	1080642	23.935	ug/L	100
53) m,p-Xylene	9.36	106	422838	24.950	ug/L	97
54) o-Xylene	9.76	106	405720	24.964	ug/L	100
55) Styrene	9.77	104	715512	25.402	ug/L	99
56) Isopropylbenzene	10.15	105	1074832	25.560	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.44	83	220258	21.040	ug/L #	97
59) 1,2,3-Trichloropropane	10.48	75	156068	20.440	ug/L	100
61) Bromoform	9.94	173	124302	19.174	ug/L	99
62) 1,3-Dichlorobenzene	11.40	146	538273	20.644	ug/L	98
63) 1,4-Dichlorobenzene	11.49	146	544141	20.296	ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	514916	20.407	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.64	75	35608	19.949	ug/L	91
67) 1,3,5-Trichlorobenzene	12.87	180	422124	21.330	ug/L	99
68) 1,2,4-trichlorobenzene	13.49	180	346846	24.080	ug/L	98
69) Naphthalene	13.73	128	586795	29.772	ug/L	99
70) 1,2,3-Trichlorobenzene	13.97	180	327871	24.230	ug/L	99

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

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