

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122819\
 Data File : VU036367.D
 Acq On : 28 Dec 2019 14:00
 Operator : JC/MD
 Sample : VSTD02006
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02006

Quant Time: Dec 30 04:29:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Dec 30 04:25:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	287341	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	274986	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	134457	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	400279	16.30	ug/L	0.00
7) Chloroethane-d5	1.93	69	386551	17.50	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	731744	19.79	ug/L	0.00
20) 2-Butanone-d5	4.69	46	1078776	220.50	ug/L	0.00
24) Chloroform-d	5.11	84	795506	19.47	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	417799	19.24	ug/L	0.00
32) Benzene-d6	5.77	84	1518241	21.40	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	483710	21.56	ug/L	0.00
41) Toluene-d8	7.93	98	1425283	21.54	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	218898	23.43	ug/L	0.00
46) 2-Hexanone-d5	8.67	63	1009238	270.35	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	417635	20.58	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	514010	19.50	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	423007	14.021 ug/L	100
3) Chloromethane	1.54	50	425628	11.490 ug/L	97
5) Vinyl chloride	1.62	62	460131	12.969 ug/L	97
6) Bromomethane	1.87	94	279607	15.511 ug/L	96
8) Chloroethane	1.95	64	280078	13.268 ug/L	100
9) Trichlorofluoromethane	2.16	101	638883	14.131 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	324426	14.670 ug/L	98
12) 1,1-Dichloroethene	2.61	96	330168	16.144 ug/L	96
13) Acetone	2.67	43	662183	166.267 ug/L	93
14) Carbon disulfide	2.82	76	1085054	15.841 ug/L	99
15) Methyl Acetate	2.99	43	158832	19.667 ug/L	96
16) Methylene chloride	3.08	84	383460	12.708 ug/L	98
17) Methyl tert-butyl Ether	3.41	73	975213	20.927 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	364587	16.698 ug/L	95
19) 1,1-Dichloroethane	3.92	63	695802	17.409 ug/L	98
21) 2-Butanone	4.77	43	1120743	206.564 ug/L	93
22) cis-1,2-Dichloroethene	4.72	96	419930	17.900 ug/L	# 99
23) Bromochloromethane	5.02	128	177033	15.976 ug/L	94
25) Chloroform	5.13	83	727746	16.749 ug/L	98
27) 1,2-Dichloroethane	5.84	62	472670	18.138 ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	650423	19.130 ug/L	99
30) Cyclohexane	5.43	56	636708	21.305 ug/L	96
31) Carbon tetrachloride	5.57	117	568575	18.609 ug/L	100
33) Benzene	5.82	78	1555853	18.711 ug/L	100
34) Trichloroethene	6.58	95	425976	19.613 ug/L	96
35) Methylcyclohexane	6.80	83	670749	21.138 ug/L	98
37) 1,2-Dichloropropane	6.83	63	408102	18.941 ug/L	100
38) Bromodichloromethane	7.14	83	559628	19.894 ug/L	100
39) cis-1,3-Dichloropropene	7.64	75	670983	22.122 ug/L	97
40) 4-Methyl-2-pentanone	7.83	43	2816970	237.716 ug/L	99

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42) Toluene	8.00	91	1717783	19.216	ug/L	98
44) trans-1,3-Dichloropropene	8.24	75	556503	22.154	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	296562	18.523	ug/L	96
47) Tetrachloroethene	8.58	164	296846	15.710	ug/L	97
48) 2-Hexanone	8.72	43	2057705	236.563	ug/L	98
49) Dibromochloromethane	8.84	129	392045	19.798	ug/L	99
50) 1,2-Dibromoethane	8.96	107	301348	19.566	ug/L #	100
51) Chlorobenzene	9.47	112	1073391	18.165	ug/L	99
52) Ethylbenzene	9.60	91	1945813	21.012	ug/L	99
53) m,p-Xylene	9.72	106	734595	20.860	ug/L	99
54) o-Xylene	10.13	106	713545	20.824	ug/L	99
55) Styrene	10.14	104	1227016	20.513	ug/L	99
56) Isopropylbenzene	10.51	105	1874371	21.148	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	393806	19.249	ug/L	97
59) 1,2,3-Trichloropropane	10.85	75	278499	19.566	ug/L	97
61) Bromoform	10.32	173	225776	19.138	ug/L	96
62) 1,3-Dichlorobenzene	11.77	146	847247	18.796	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	841502	18.808	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	802001	18.687	ug/L	97
66) 1,2-Dibromo-3-chloropropan	13.02	75	73812	23.784	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	628644	18.487	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	524336	22.832	ug/L	98
69) Naphthalene	14.10	128	1014378	32.093	ug/L	100
70) 1,2,3-Trichlorobenzene	14.35	180	479170	21.853	ug/L	98

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

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