

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112119\
 Data File : VU035795.D
 Acq On : 21 Nov 2019 10:40
 Operator : JC/SP
 Sample : VSTD00505
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00505

Quant Time: Nov 21 17:09:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 21 17:06:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	259871	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	288606	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	164253	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	169701	6.01	ug/L	0.00
7) Chloroethane-d5	1.93	69	144395	6.20	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	315384	6.48	ug/L	0.00
20) 2-Butanone-d5	4.70	46	393297	62.51	ug/L	0.00
24) Chloroform-d	5.11	84	286211	6.30	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	156588	6.45	ug/L	0.00
32) Benzene-d6	5.77	84	554742	5.87	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	190006	6.11	ug/L	0.00
41) Toluene-d8	7.93	98	522250	5.84	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	72840	5.92	ug/L	0.00
46) 2-Hexanone-d5	8.68	63	296306	61.45	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.79	84	155666	6.00	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	167245	5.07	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.40	85	176829	6.031 ug/L	100
3) Chloromethane	1.53	50	219909	6.365 ug/L	100
5) Vinyl chloride	1.62	62	222123	6.319 ug/L	100
6) Bromomethane	1.87	94	111953	5.724 ug/L	100
8) Chloroethane	1.95	64	130181	6.435 ug/L	100
9) Trichlorofluoromethane	2.16	101	263091	6.187 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	146930	5.916 ug/L	100
12) 1,1-Dichloroethene	2.61	96	135931	5.728 ug/L	100
13) Acetone	2.68	43	330507	69.769 ug/L	100
14) Carbon disulfide	2.82	76	455233	5.898 ug/L	100
15) Methyl Acetate	3.00	43	69319	6.470 ug/L	100
16) Methylene chloride	3.08	84	157959	5.611 ug/L	100
17) Methyl tert-butyl Ether	3.42	73	336173	5.996 ug/L	100
18) trans-1,2-Dichloroethene	3.39	96	137786	5.688 ug/L	100
19) 1,1-Dichloroethane	3.92	63	305418	6.500 ug/L	100
21) 2-Butanone	4.78	43	445734	65.616 ug/L	100
22) cis-1,2-Dichloroethene	4.72	96	151792	5.672 ug/L	100
23) Bromochloromethane	5.02	128	67955	5.418 ug/L	100
25) Chloroform	5.14	83	302285	5.996 ug/L	100
27) 1,2-Dichloroethane	5.84	62	195140	6.776 ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	237602	6.003 ug/L	100
30) Cyclohexane	5.43	56	235207	5.942 ug/L	100
31) Carbon tetrachloride	5.57	117	207149	5.864 ug/L	100
33) Benzene	5.82	78	635270	5.991 ug/L	100
34) Trichloroethene	6.58	95	151831	5.675 ug/L	100
35) Methylcyclohexane	6.80	83	217020	5.409 ug/L	100
37) 1,2-Dichloropropane	6.83	63	174178	6.153 ug/L	100
38) Bromodichloromethane	7.15	83	210065	6.146 ug/L	100
39) cis-1,3-Dichloropropene	7.65	75	229740	5.795 ug/L	100
40) 4-Methyl-2-pentanone	7.84	43	1082499	65.475 ug/L	100

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42) Toluene	8.01	91	671764	6.047	ug/L	100
44) trans-1,3-Dichloropropene	8.25	75	193101	6.054	ug/L	100
45) 1,1,2-Trichloroethane	8.44	97	115571	5.826	ug/L	100
47) Tetrachloroethene	8.58	164	114582	5.087	ug/L	100
48) 2-Hexanone	8.73	43	823609	69.308	ug/L	100
49) Dibromochloromethane	8.84	129	137281	5.663	ug/L	100
50) 1,2-Dibromoethane	8.96	107	107234	5.731	ug/L	100
51) Chlorobenzene	9.48	112	394398	5.538	ug/L	100
52) Ethylbenzene	9.60	91	665123	5.746	ug/L	100
53) m,p-Xylene	9.72	106	244851	5.652	ug/L	100
54) o-Xylene	10.13	106	235171	5.632	ug/L	100
55) Styrene	10.14	104	412319	5.918	ug/L	100
56) Isopropylbenzene	10.51	105	632859	5.714	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	153670	5.887	ug/L	100
59) 1,2,3-Trichloropropane	10.85	75	113489	6.096	ug/L	100
61) Bromoform	10.32	173	75180	5.010	ug/L	100
62) 1,3-Dichlorobenzene	11.77	146	294381	5.266	ug/L	100
63) 1,4-Dichlorobenzene	11.86	146	287576	5.336	ug/L	100
65) 1,2-Dichlorobenzene	12.24	146	274134	5.245	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.02	75	20671	5.948	ug/L	100
67) 1,3,5-Trichlorobenzene	13.24	180	185628	5.226	ug/L	100
68) 1,2,4-trichlorobenzene	13.86	180	99332	4.653	ug/L	100
69) Naphthalene	14.11	128	115997	4.369	ug/L	100
70) 1,2,3-Trichlorobenzene	14.35	180	97960	4.753	ug/L	100

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

