

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081419\
 Data File : VU033793.D
 Acq On : 14 Aug 2019 10:50
 Operator : JC/SP
 Sample : VSTD00506
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 15 14:22:43 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR081419WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Thu Aug 15 14:18:33 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	184403	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	188499	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.47	152	105207	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	98406	4.71	ug/L	0.00
7) Chloroethane-d5	1.67	69	76657	4.70	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	65	45460	4.74	ug/L	0.00
20) 2-Butanone-d5	4.19	46	195695	48.53	ug/L	0.00
24) Chloroform-d	4.62	84	146409	4.71	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	75435	4.63	ug/L	0.00
32) Benzene-d6	5.31	84	282365	4.87	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	87500	4.76	ug/L	0.00
41) Toluene-d8	7.55	98	267128	5.02	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	35672	4.91	ug/L	0.00
46) 2-Hexanone-d5	8.30	63	152039	52.49	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.41	84	75291	4.75	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.84	152	98690	4.63	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	131714	4.928	ug/L 100
3) Chloromethane	1.32	50	137937	4.972	ug/L 100
5) Vinyl chloride	1.39	62	149884	4.955	ug/L 100
6) Bromomethane	1.62	94	86179	4.895	ug/L 100
8) Chloroethane	1.69	64	86501	4.841	ug/L 100
9) Trichlorofluoromethane	1.88	101	197171	4.758	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	108144	4.918	ug/L 100
12) 1,1-Dichloroethene	2.27	96	105584	4.969	ug/L 100
13) Acetone	2.35	43	210629	49.170	ug/L 100
14) Carbon disulfide	2.46	76	351722	4.874	ug/L 100
15) Methyl Acetate	2.61	43	55280	4.948	ug/L 100
16) Methylene chloride	2.68	84	116063	4.679	ug/L 100
17) Methyl tert-butyl Ether	2.99	73	272085	4.946	ug/L 100
18) trans-1,2-Dichloroethene	2.96	96	111691	4.895	ug/L 100
19) 1,1-Dichloroethane	3.42	63	177013	4.962	ug/L 100
21) 2-Butanone	4.27	43	264110	49.966	ug/L 100
22) cis-1,2-Dichloroethene	4.20	96	95722	4.917	ug/L 100
23) Bromochloromethane	4.52	128	46281	4.959	ug/L 100
25) Chloroform	4.65	83	183420	4.777	ug/L 100
27) 1,2-Dichloroethane	5.39	62	114418	4.837	ug/L 100
29) 1,1,1-Trichloroethane	4.89	97	153142	4.992	ug/L 100
30) Cyclohexane	4.97	56	138462	4.987	ug/L 100
31) Carbon tetrachloride	5.11	117	136600	5.005	ug/L 100
33) Benzene	5.37	78	383844	5.091	ug/L 100
34) Trichloroethene	6.16	95	97762	4.944	ug/L 100
35) Methylcyclohexane	6.40	83	149036	5.027	ug/L 100
37) 1,2-Dichloropropane	6.41	63	103984	5.104	ug/L 100
38) Bromodichloromethane	6.74	83	125965	4.903	ug/L 100
39) cis-1,3-Dichloropropene	7.25	75	139538	5.075	ug/L 100
40) 4-Methyl-2-pentanone	7.45	43	624851	53.074	ug/L 100

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.62	91	412976	5.213	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	118076	5.137	ug/L	100
45) 1,1,2-Trichloroethane	8.05	97	72770	4.999	ug/L	100
47) Tetrachloroethene	8.21	164	81559	4.948	ug/L	100
48) 2-Hexanone	8.35	43	458560	53.857	ug/L	100
49) Dibromochloromethane	8.46	129	89781	5.086	ug/L	100
50) 1,2-Dibromoethane	8.57	107	70518	5.010	ug/L	100
51) Chlorobenzene	9.10	112	256316	5.025	ug/L	100
52) Ethylbenzene	9.23	91	424923	5.182	ug/L	100
53) m,p-Xylene	9.36	106	165260	5.345	ug/L	100
54) o-Xylene	9.76	106	156689	5.338	ug/L	100
55) Styrene	9.77	104	276473	5.427	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.44	83	96081	5.025	ug/L	100
59) Isopropylbenzene	10.15	105	410325	5.116	ug/L	100
60) Bromoform	9.94	173	52813	4.914	ug/L	100
61) 1,2,3-Trichloropropane	10.48	75	67230	1.476	ug/L	100
62) 1,3,5-Trimethylbenzene	10.76	105	332314	5.106	ug/L	100
63) 1,2,4-Trimethylbenzene	11.13	105	339662	5.230	ug/L	100
64) 1,3-Dichlorobenzene	11.40	146	211341	4.927	ug/L	100
65) 1,4-Dichlorobenzene	11.49	146	217410	4.924	ug/L	100
67) 1,2-Dichlorobenzene	11.86	146	205580	4.964	ug/L	100
68) 1,2-Dibromo-3-chloropropan	12.64	75	15033	4.929	ug/L	100
69) 1,3,5-Trichlorobenzene	12.87	180	162991	4.831	ug/L	100
70) 1,2,4-trichlorobenzene	13.49	180	127634	4.861	ug/L	100
71) Naphthalene	13.73	128	205304	5.078	ug/L	100
72) 1,2,3-Trichlorobenzene	13.97	180	129315	5.226	ug/L	100

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

