

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041420\
 Data File : VU037695.D
 Acq On : 14 Apr 2020 12:02
 Operator : JC/MD
 Sample : VSTD00501
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00501

Quant Time: Apr 14 14:04:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 14 13:56:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	324279	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	307133	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	152323	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	122684	4.54	ug/L	0.00
7) Chloroethane-d5	1.93	69	102872	4.87	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	217006	4.54	ug/L	0.00
20) 2-Butanone-d5	4.67	46	348825	47.51	ug/L	0.00
24) Chloroform-d	5.10	84	197001	4.35	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	109595	4.34	ug/L	0.00
32) Benzene-d6	5.76	84	417940	4.47	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	136028	4.45	ug/L	0.00
41) Toluene-d8	7.92	98	381195	4.45	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	59946	4.40	ug/L	0.00
46) 2-Hexanone-d5	8.65	63	316011	46.84	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	106873	4.31	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	134669	4.33	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	140729	5.438	ug/L 100
3) Chloromethane	1.53	50	168504	6.078	ug/L 100
5) Vinyl chloride	1.62	62	168487	6.054	ug/L 100
6) Bromomethane	1.87	94	94112	6.837	ug/L 100
8) Chloroethane	1.95	64	98186	5.726	ug/L 100
9) Trichlorofluoromethane	2.16	101	180507	4.673	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	106840	4.841	ug/L 100
12) 1,1-Dichloroethene	2.60	96	107612	4.988	ug/L 100
13) Acetone	2.66	43	212034	50.044	ug/L 100
14) Carbon disulfide	2.82	76	395671	5.443	ug/L 100
15) Methyl Acetate	2.98	43	59268	4.725	ug/L 100
16) Methylene chloride	3.08	84	120916	4.789	ug/L 100
17) Methyl tert-butyl Ether	3.40	73	312045	5.094	ug/L 100
18) trans-1,2-Dichloroethene	3.39	96	118955	5.053	ug/L 100
19) 1,1-Dichloroethane	3.91	63	225379	5.075	ug/L 100
21) 2-Butanone	4.75	43	394567	52.582	ug/L 100
22) cis-1,2-Dichloroethene	4.71	96	127410	4.977	ug/L 100
23) Bromochloromethane	5.02	128	53597	4.818	ug/L 100
25) Chloroform	5.13	83	216091	4.793	ug/L 100
27) 1,2-Dichloroethane	5.83	62	144634	4.962	ug/L 100
29) 1,1,1-Trichloroethane	5.35	97	181881	4.638	ug/L 100
30) Cyclohexane	5.42	56	231167	5.249	ug/L 100
31) Carbon tetrachloride	5.56	117	145848	4.609	ug/L 100
33) Benzene	5.81	78	495752	5.035	ug/L 100
34) Trichloroethene	6.57	95	122790	4.763	ug/L 100
35) Methylcyclohexane	6.79	83	218415	5.022	ug/L 100
37) 1,2-Dichloropropane	6.82	63	132205	4.999	ug/L 100
38) Bromodichloromethane	7.13	83	157888	4.708	ug/L 100
39) cis-1,3-Dichloropropene	7.63	75	205204	5.013	ug/L 100
40) 4-Methyl-2-pentanone	7.82	43	961590	51.410	ug/L 100

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42) Toluene	7.99	91	526906	5.043	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	179657	5.053	ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	87505	4.763	ug/L	100
47) Tetrachloroethene	8.57	164	87521	5.156	ug/L	100
48) 2-Hexanone	8.71	43	687922	50.925	ug/L	100
49) Dibromochloromethane	8.83	129	101040	4.646	ug/L	100
50) 1,2-Dibromoethane	8.94	107	83770	4.694	ug/L	100
51) Chlorobenzene	9.47	112	317578	4.935	ug/L	100
52) Ethylbenzene	9.59	91	582895	4.917	ug/L	100
53) m,p-Xylene	9.71	106	218311	4.892	ug/L	100
54) o-Xylene	10.12	106	214597	4.994	ug/L	100
55) Styrene	10.13	104	370826	4.994	ug/L	100
56) Isopropylbenzene	10.50	105	573374	4.896	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	115357	4.676	ug/L	100
59) 1,2,3-Trichloropropane	10.84	75	85912	4.962	ug/L	100
61) Bromoform	10.31	173	59533	4.760	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	252646	4.986	ug/L	100
63) 1,4-Dichlorobenzene	11.85	146	250355	4.857	ug/L	100
65) 1,2-Dichlorobenzene	12.22	146	233381	4.807	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.01	75	21644	4.674	ug/L	100
67) 1,3,5-Trichlorobenzene	13.24	180	186674	5.049	ug/L	100
68) 1,2,4-trichlorobenzene	13.87	180	171212	5.001	ug/L	100
69) Naphthalene	14.11	128	341430	4.559	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	153566	5.033	ug/L	100

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

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