

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042419\
 Data File : VU031462.D
 Acq On : 24 Apr 2019 11:33
 Operator : JC/SP
 Sample : VSTD02008
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02008

Quant Time: Apr 25 05:51:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR042419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 25 05:46:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	400998	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	369451	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	177813	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	639409	14.96	ug/L	0.00
7) Chloroethane-d5	1.68	69	494510	14.74	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	1206744	14.46	ug/L	0.00
20) 2-Butanone-d5	4.21	46	1876959	215.85	ug/L	0.00
24) Chloroform-d	4.64	84	1028773	18.54	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	539676	18.15	ug/L	0.00
32) Benzene-d6	5.33	84	2115056	20.67	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.32	67	689297	21.40	ug/L	0.00
41) Toluene-d8	7.56	98	1881663	20.76	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	279166	21.72	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	1471444	243.04	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	552805	20.50	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	655291	19.14	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	665622	15.212	ug/L 100
3) Chloromethane	1.32	50	815012	13.764	ug/L 100
5) Vinyl chloride	1.40	62	821329	13.761	ug/L 97
6) Bromomethane	1.63	94	423904	13.005	ug/L 100
8) Chloroethane	1.70	64	458441	13.415	ug/L 100
9) Trichlorofluoromethane	1.88	101	952065	12.718	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	539142	13.288	ug/L 99
12) 1,1-Dichloroethene	2.28	96	534887	13.205	ug/L 97
13) Acetone	2.35	43	1164620	128.812	ug/L 99
14) Carbon disulfide	2.47	76	1810850	13.405	ug/L 100
15) Methyl Acetate	2.62	43	323599	12.895	ug/L 99
16) Methylene chloride	2.69	84	590565	11.951	ug/L 100
17) Methyl tert-butyl Ether	3.00	73	1539111	14.015	ug/L 99
18) trans-1,2-Dichloroethene	2.97	96	576478	13.422	ug/L 99
19) 1,1-Dichloroethane	3.44	63	1094750	18.127	ug/L 99
21) 2-Butanone	4.29	43	1940558	194.712	ug/L 98
22) cis-1,2-Dichloroethene	4.22	96	609523	17.560	ug/L 99
23) Bromochloromethane	4.54	128	259278	16.913	ug/L 98
25) Chloroform	4.67	83	1023394	16.747	ug/L 98
27) 1,2-Dichloroethane	5.40	62	672821	17.018	ug/L 98
29) 1,1,1-Trichloroethane	4.91	97	873465	17.986	ug/L 99
30) Cyclohexane	4.98	56	1077492	20.922	ug/L 98
31) Carbon tetrachloride	5.13	117	747249	17.125	ug/L 99
33) Benzene	5.38	78	2347753	18.951	ug/L 100
34) Trichloroethene	6.18	95	606295	17.975	ug/L 97
35) Methylcyclohexane	6.41	83	984149	20.971	ug/L 97
37) 1,2-Dichloropropane	6.43	63	626539	19.018	ug/L 99
38) Bromodichloromethane	6.75	83	736895	18.279	ug/L 99
39) cis-1,3-Dichloropropene	7.26	75	928165	21.123	ug/L 99
40) 4-Methyl-2-pentanone	7.46	43	4430485	207.653	ug/L 100

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42) Toluene	7.63	91	2433874	19.555	ug/L	100
44) trans-1,3-Dichloropropene	7.87	75	729414	20.229	ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	424735	18.070	ug/L	96
47) Tetrachloroethene	8.22	164	436299	17.592	ug/L	98
48) 2-Hexanone	8.36	43	3178249	210.461	ug/L	100
49) Dibromochloromethane	8.47	129	490942	17.851	ug/L	95
50) 1,2-Dibromoethane	8.58	107	408177	18.440	ug/L #	95
51) Chlorobenzene	9.12	112	1446072	18.586	ug/L	99
52) Ethylbenzene	9.24	91	2625300	20.199	ug/L	98
53) m,p-Xylene	9.37	106	976419	20.985	ug/L	98
54) o-Xylene	9.77	106	949644	20.642	ug/L	99
55) Styrene	9.79	104	1641484	21.496	ug/L	98
56) Isopropylbenzene	10.16	105	2513708	20.839	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.45	83	546856	18.328	ug/L	97
59) 1,2,3-Trichloropropane	10.49	75	397012	18.511	ug/L	98
61) Bromoform	9.95	173	279678	16.674	ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	1073604	18.513	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	1089213	18.623	ug/L	97
65) 1,2-Dichlorobenzene	11.87	146	1048796	17.948	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	89299	18.672	ug/L	87
67) 1,3,5-Trichlorobenzene	12.88	180	840640	17.794	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	724731	21.245	ug/L	99
69) Naphthalene	13.74	128	1462316	21.195	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	686623	20.177	ug/L	100

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

