

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022119\
 Data File : VU029591.D
 Acq On : 21 Feb 2019 12:16
 Operator : JC/SP
 Sample : VSTD02050
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02050

Quant Time: Feb 22 02:42:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 22 02:38:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	246077	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	252396	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	144536	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	347781	21.64	ug/L	0.00
7) Chloroethane-d5	1.67	69	325085	21.50	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	734320	21.27	ug/L	0.00
20) 2-Butanone-d5	4.19	46	829607	228.32	ug/L	0.00
24) Chloroform-d	4.64	84	646180	22.82	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	328522	21.48	ug/L	0.00
32) Benzene-d6	5.33	84	1378103	21.28	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	408006	21.64	ug/L	0.00
41) Toluene-d8	7.56	98	1382271	21.78	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	179344	23.17	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	899319	237.07	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	379746	22.43	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	608024	21.39	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	396656	20.648	ug/L 99
3) Chloromethane	1.32	50	327849	19.749	ug/L 99
5) Vinyl chloride	1.40	62	438500	20.894	ug/L 97
6) Bromomethane	1.61	94	257560	22.168	ug/L 99
8) Chloroethane	1.69	64	269239	19.802	ug/L 97
9) Trichlorofluoromethane	1.88	101	621810	19.981	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	387573	20.183	ug/L 99
12) 1,1-Dichloroethene	2.28	96	371636	20.358	ug/L 97
13) Acetone	2.32	43	515097	197.328	ug/L 100
14) Carbon disulfide	2.47	76	1223797	20.411	ug/L 100
15) Methyl Acetate	2.61	43	147042	19.308	ug/L 99
16) Methylene chloride	2.70	84	391205	18.121	ug/L 97
17) Methyl tert-butyl Ether	3.00	73	885488	20.287	ug/L 100
18) trans-1,2-Dichloroethene	2.98	96	398983	20.084	ug/L 98
19) 1,1-Dichloroethane	3.44	63	592140	19.144	ug/L 99
21) 2-Butanone	4.27	43	779808	215.301	ug/L 100
22) cis-1,2-Dichloroethene	4.22	96	381071	20.945	ug/L 97
23) Bromochloromethane	4.54	128	171587	20.901	ug/L 98
25) Chloroform	4.67	83	607094	19.606	ug/L 99
27) 1,2-Dichloroethane	5.40	62	376550	20.591	ug/L 99
29) 1,1,1-Trichloroethane	4.91	97	532378	20.291	ug/L 99
30) Cyclohexane	4.99	56	537629	20.706	ug/L 99
31) Carbon tetrachloride	5.13	117	483628	21.179	ug/L 99
33) Benzene	5.38	78	1350410	20.247	ug/L 100
34) Trichloroethene	6.18	95	375976	20.191	ug/L 99
35) Methylcyclohexane	6.41	83	638538	21.144	ug/L 97
37) 1,2-Dichloropropane	6.43	63	343332	20.433	ug/L 100
38) Bromodichloromethane	6.75	83	436292	20.800	ug/L 99
39) cis-1,3-Dichloropropene	7.27	75	541729	22.027	ug/L 99
40) 4-Methyl-2-pentanone	7.46	43	2022170	214.125	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.63	91	1598416	21.128	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	450658	22.827	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	264005	20.064	ug/L	99
47) Tetrachloroethene	8.22	164	350725	20.284	ug/L	99
48) 2-Hexanone	8.36	43	1511292	218.814	ug/L	99
49) Dibromochloromethane	8.48	129	348697	21.877	ug/L	96
50) 1,2-Dibromoethane	8.58	107	265228	20.591	ug/L	100
51) Chlorobenzene	9.12	112	1079097	20.762	ug/L	99
52) Ethylbenzene	9.25	91	1836431	21.702	ug/L	98
53) m,p-xylene	9.37	106	734458	21.649	ug/L	99
54) o-xylene	9.77	106	722421	22.116	ug/L	98
55) Styrene	9.79	104	1231185	22.561	ug/L	96
56) Isopropylbenzene	10.16	105	1931199	22.032	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	347195	21.406	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	235053	20.948	ug/L	100
61) Bromoform	9.95	173	215739	22.507	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	949400	20.688	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	953595	20.491	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	906309	20.458	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	51854	19.911	ug/L	88
67) 1,3,5-Trichlorobenzene	12.88	180	767239	20.761	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	681893	21.837	ug/L	99
69) Naphthalene	13.74	128	1157891	23.985	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	619341	21.179	ug/L	100

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

