

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061520\
 Data File : VU038890.D
 Acq On : 15 Jun 2020 13:44
 Operator : SY/MD
 Sample : VSTD02001
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02001

Quant Time: Jun 15 14:02:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061520WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 15 13:39:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	306467	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	318071	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	169244	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	294489	17.63	ug/L	0.00
7) Chloroethane-d5	1.93	69	278531	20.76	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	732603	19.29	ug/L	0.00
20) 2-Butanone-d5	4.68	46	1145118	218.44	ug/L	0.00
24) Chloroform-d	5.10	84	729562	19.73	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	399741	19.12	ug/L	0.00
32) Benzene-d6	5.76	84	1381689	18.58	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	425402	19.14	ug/L	0.00
41) Toluene-d8	7.92	98	1350918	19.82	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	199498	20.20	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	1015636	231.48	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	404079	20.77	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	537937	19.53	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	571409	19.139 ug/L	98
3) Chloromethane	1.53	50	496785	20.172 ug/L	100
5) Vinyl chloride	1.62	62	536549	20.507 ug/L	99
6) Bromomethane	1.87	94	332248	22.132 ug/L	99
8) Chloroethane	1.95	64	369337	22.856 ug/L	100
9) Trichlorofluoromethane	2.16	101	908852	23.406 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	441578	19.883 ug/L	98
12) 1,1-Dichloroethene	2.60	96	439422	20.473 ug/L	93
13) Acetone	2.69	43	913064	214.688 ug/L	99
14) Carbon disulfide	2.82	76	1453270	19.891 ug/L	99
15) Methyl Acetate	2.99	43	229807	22.119 ug/L	99
16) Methylene chloride	3.08	84	480320	19.465 ug/L	95
17) Methyl tert-butyl Ether	3.40	73	1254400	22.683 ug/L	98
18) trans-1,2-Dichloroethene	3.38	96	471010	20.437 ug/L	99
19) 1,1-Dichloroethane	3.91	63	861761	20.777 ug/L	98
21) 2-Butanone	4.76	43	1577260	225.765 ug/L	100
22) cis-1,2-Dichloroethene	4.71	96	503969	20.996 ug/L	99
23) Bromochloromethane	5.01	128	233628	20.763 ug/L	99
25) Chloroform	5.12	83	880590	20.592 ug/L	100
27) 1,2-Dichloroethane	5.83	62	626104	20.999 ug/L	97
29) 1,1,1-Trichloroethane	5.35	97	788274	20.082 ug/L	99
30) Cyclohexane	5.42	56	752194	19.773 ug/L	99
31) Carbon tetrachloride	5.56	117	665159	20.074 ug/L	100
33) Benzene	5.81	78	1917666	19.953 ug/L	100
34) Trichloroethene	6.57	95	495753	19.753 ug/L	98
35) Methylcyclohexane	6.79	83	789282	20.225 ug/L	98
37) 1,2-Dichloropropane	6.82	63	497683	20.556 ug/L	100
38) Bromodichloromethane	7.13	83	656460	20.900 ug/L	100
39) cis-1,3-Dichloropropene	7.63	75	782423	21.801 ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	3871938	238.957 ug/L	99

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42) Toluene	7.99	91	2164922	21.337	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	703164	21.997	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	383987	20.795	ug/L	99
47) Tetrachloroethene	8.57	164	376734	19.498	ug/L	99
48) 2-Hexanone	8.71	43	2931787	235.534	ug/L	100
49) Dibromochloromethane	8.83	129	456004	22.122	ug/L	97
50) 1,2-Dibromoethane	8.94	107	375345	20.824	ug/L	98
51) Chlorobenzene	9.47	112	1328038	20.324	ug/L	99
52) Ethylbenzene	9.59	91	2367249	21.177	ug/L	98
53) m,p-Xylene	9.71	106	910142	21.548	ug/L	99
54) o-Xylene	10.11	106	888532	21.909	ug/L	100
55) Styrene	10.13	104	1615375	23.146	ug/L	100
56) Isopropylbenzene	10.50	105	2335240	21.541	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	501002	21.820	ug/L	97
59) 1,2,3-Trichloropropane	10.84	75	385919	21.487	ug/L	99
61) Bromoform	10.31	173	279760	22.952	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	1119456	20.489	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	1113281	19.975	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	1137869	22.138	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	111974	26.860	ug/L	94
67) 1,3,5-Trichlorobenzene	13.24	180	902571	22.550	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	791602	22.351	ug/L	100
69) Naphthalene	14.11	128	1623347	24.144	ug/L	98
70) 1,2,3-Trichlorobenzene	14.36	180	717637	22.165	ug/L	98

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

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