

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
 Data File : VU038410.D
 Acq On : 30 May 2020 13:24
 Operator : JC/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV06

Quant Time: Jun 01 02:08:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 02:06:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	356088	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	344272	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	173262	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	115403	5.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.20%
7) Chloroethane-d5	1.93	69	88082	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.59	63	221826	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.80%
20) 2-Butanone-d5	4.68	46	352160	50.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.60%
24) Chloroform-d	5.10	84	212431	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.74	65	117859	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.76	84	427204	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.72	67	129311	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.93	98	381005	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
43) trans-1,3-Dichloropropene-	8.20	79	55835	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
46) 2-Hexanone-d5	8.66	63	289362	51.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.10%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	111781	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	148343	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	132810	4.732	ug/L 99
3) Chloromethane	1.53	50	129462	5.023	ug/L 99
5) Vinyl chloride	1.62	62	139145	5.039	ug/L 97
6) Bromomethane	1.88	94	70380	5.250	ug/L 98
8) Chloroethane	1.95	64	81003	4.896	ug/L 100
9) Trichlorofluoromethane	2.16	101	176922	4.830	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	100770	4.671	ug/L 98
12) 1,1-Dichloroethene	2.60	96	106779	4.869	ug/L 95
13) Acetone	2.69	43	223537	48.789	ug/L 99
14) Carbon disulfide	2.82	76	368418	4.951	ug/L 99
15) Methyl Acetate	2.99	43	54972	4.897	ug/L 97
16) Methylene chloride	3.08	84	120116	4.840	ug/L 99
17) Methyl tert-butyl Ether	3.40	73	294124	5.115	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	117764	4.983	ug/L 97
19) 1,1-Dichloroethane	3.91	63	210287	4.972	ug/L 98
21) 2-Butanone	4.76	43	398810	51.750	ug/L 98
22) cis-1,2-Dichloroethene	4.71	96	123901	4.869	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	56051	4.894	ug/L	94
25) Chloroform	5.12	83	211999	4.934	ug/L	99
27) 1,2-Dichloroethane	5.83	62	146049	4.828	ug/L	97
29) 1,1,1-Trichloroethane	5.36	97	183648	5.041	ug/L	99
30) Cyclohexane	5.42	56	186334	4.878	ug/L	97
31) Carbon tetrachloride	5.56	117	150996	4.979	ug/L	99
33) Benzene	5.81	78	476987	4.968	ug/L	100
34) Trichloroethene	6.57	95	122953	4.935	ug/L	95
35) Methylcyclohexane	6.79	83	174682	4.528	ug/L	98
37) 1,2-Dichloropropane	6.82	63	122554	5.073	ug/L	100
38) Bromodichloromethane	7.13	83	150620	5.020	ug/L	100
39) cis-1,3-Dichloropropene	7.64	75	183990	5.153	ug/L	100
40) 4-Methyl-2-pentanone	7.82	43	879771	50.923	ug/L	99
42) Toluene	8.00	91	499864	4.964	ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	158570	5.029	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	91826	5.038	ug/L	97
47) Tetrachloroethene	8.58	164	87871	4.854	ug/L	97
48) 2-Hexanone	8.71	43	676025	51.669	ug/L	100
49) Dibromochloromethane	8.83	129	99394	5.053	ug/L	99
50) 1,2-Dibromoethane	8.95	107	89242	5.114	ug/L	97
51) Chlorobenzene	9.47	112	315943	4.865	ug/L	97
52) Ethylbenzene	9.59	91	554928	4.953	ug/L	100
53) m,p-Xylene	9.71	106	215280	4.997	ug/L	99
54) o-Xylene	10.12	106	207859	5.026	ug/L	97
55) Styrene	10.13	104	357550	5.093	ug/L	99
56) Isopropylbenzene	10.50	105	539752	4.958	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	112159	4.842	ug/L	97
59) 1,2,3-Trichloropropane	10.84	75	89098	4.941	ug/L	99
61) Bromoform	10.31	173	54720	5.070	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	253851	4.987	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	258359	5.005	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	244643	5.061	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	19635	5.017	ug/L	95
67) 1,3,5-Trichlorobenzene	13.25	180	190621	5.019	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	182457	5.190	ug/L	99
69) Naphthalene	14.12	128	384419	5.495	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	168410	5.265	ug/L	99

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

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