

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052620\
 Data File : VU038291.D
 Acq On : 26 May 2020 11:04
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00518

Quant Time: May 27 06:49:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon May 25 02:32:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	343222	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	329973	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	169093	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	134973	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.93	69	112791	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.00%
11) 1,1-Dichloroethene-d2	2.59	63	267097	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.80%
20) 2-Butanone-d5	4.67	46	422459	54.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.08%
24) Chloroform-d	5.10	84	259102	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.80%
26) 1,2-Dichloroethane-d4	5.74	65	145372	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	5.76	84	531532	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
36) 1,2-Dichloropropane-d6	6.72	67	166074	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.93	98	481935	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
43) trans-1,3-Dichloropropene-	8.20	79	71212	5.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.40%
46) 2-Hexanone-d5	8.66	63	337219	55.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.72%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	137189	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	181533	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	175329	5.586 ug/L	99
3) Chloromethane	1.53	50	159963	4.229 ug/L	99
5) Vinyl chloride	1.62	62	166806	4.500 ug/L	99
6) Bromomethane	1.87	94	87602	4.151 ug/L	100
8) Chloroethane	1.95	64	96105	4.215 ug/L	100
9) Trichlorofluoromethane	2.16	101	215394	5.683 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	131948	5.616 ug/L	96
12) 1,1-Dichloroethene	2.60	96	127181	5.340 ug/L	99
13) Acetone	2.67	43	262850	54.088 ug/L	97
14) Carbon disulfide	2.82	76	438083	5.156 ug/L	100
15) Methyl Acetate	2.98	43	67901	4.995 ug/L	97
16) Methylene chloride	3.08	84	141190	5.085 ug/L	97
17) Methyl tert-butyl Ether	3.40	73	345580	5.222 ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	137566	5.290 ug/L	99
19) 1,1-Dichloroethane	3.91	63	255843	5.037 ug/L	99
21) 2-Butanone	4.75	43	458250	53.424 ug/L	98
22) cis-1,2-Dichloroethene	4.71	96	148955	5.316 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	65367	5.421	ug/L	91
25) Chloroform	5.13	83	249495	5.267	ug/L	100
27) 1,2-Dichloroethane	5.83	62	171911	5.141	ug/L	99
29) 1,1,1-Trichloroethane	5.35	97	221876	5.869	ug/L	98
30) Cyclohexane	5.43	56	251410	5.632	ug/L	99
31) Carbon tetrachloride	5.56	117	184222	6.063	ug/L	98
33) Benzene	5.81	78	576094	5.452	ug/L	100
34) Trichloroethene	6.57	95	145715	5.514	ug/L	97
35) Methylcyclohexane	6.79	83	242724	5.670	ug/L	98
37) 1,2-Dichloropropane	6.82	63	149519	5.209	ug/L	99
38) Bromodichloromethane	7.13	83	182954	5.514	ug/L	100
39) cis-1,3-Dichloropropene	7.64	75	223455	5.440	ug/L	100
40) 4-Methyl-2-pentanone	7.82	43	1033866	51.973	ug/L	99
42) Toluene	8.00	91	615671	5.519	ug/L	97
44) trans-1,3-Dichloropropene	8.23	75	192897	5.522	ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	108088	5.423	ug/L	97
47) Tetrachloroethene	8.58	164	106467	5.759	ug/L	99
48) 2-Hexanone	8.71	43	781280	53.630	ug/L	98
49) Dibromochloromethane	8.83	129	117817	5.696	ug/L	99
50) 1,2-Dibromoethane	8.95	107	102735	5.554	ug/L	97
51) Chlorobenzene	9.47	112	381200	5.507	ug/L	98
52) Ethylbenzene	9.59	91	684674	5.666	ug/L	99
53) m,p-Xylene	9.72	106	265469	5.730	ug/L	97
54) o-Xylene	10.12	106	256000	5.715	ug/L	97
55) Styrene	10.13	104	431356	5.736	ug/L	100
56) Isopropylbenzene	10.50	105	679022	5.901	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	134285	5.307	ug/L	96
59) 1,2,3-Trichloropropane	10.84	75	103341	5.365	ug/L	99
61) Bromoform	10.31	173	65102	5.696	ug/L	97
62) 1,3-Dichlorobenzene	11.76	146	304466	5.534	ug/L	97
63) 1,4-Dichlorobenzene	11.85	146	300748	5.395	ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	284052	5.367	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	23256	5.376	ug/L	88
67) 1,3,5-Trichlorobenzene	13.24	180	228696	5.728	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	207748	5.737	ug/L	98
69) Naphthalene	14.12	128	434085	5.694	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	190551	5.662	ug/L	99

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

