

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021920\
 Data File : VU036842.D
 Acq On : 19 Feb 2020 11:23
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00524

Quant Time: Feb 20 04:43:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Feb 19 13:22:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	109466	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	101347	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	46194	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	49987	5.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.20%
7) Chloroethane-d5	1.93	69	46573	5.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.00%
11) 1,1-Dichloroethene-d2	2.59	63	82789	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.20%
20) 2-Butanone-d5	4.68	46	117792	59.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.34%
24) Chloroform-d	5.11	84	85403	5.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.60%
26) 1,2-Dichloroethane-d4	5.74	65	45586	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
32) Benzene-d6	5.76	84	176628	5.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.60%
36) 1,2-Dichloropropane-d6	6.73	67	56410	5.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.40%
41) Toluene-d8	7.93	98	164871	5.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.00%
43) trans-1,3-Dichloropropene-	8.21	79	20585	5.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.40%
46) 2-Hexanone-d5	8.66	63	98618	56.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.62%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	43865	5.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	51114	5.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	38986	5.393	ug/L 98
3) Chloromethane	1.54	50	42910	5.703	ug/L 98
5) Vinyl chloride	1.62	62	47741	5.432	ug/L 99
6) Bromomethane	1.87	94	23857	4.517	ug/L 96
8) Chloroethane	1.95	64	31411	5.116	ug/L 99
9) Trichlorofluoromethane	2.16	101	59482	5.144	ug/L 96
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	38596	5.227	ug/L 99
12) 1,1-Dichloroethene	2.60	96	34666	5.206	ug/L 92
13) Acetone	2.67	43	140393	55.614	ug/L 99
14) Carbon disulfide	2.82	76	79966	4.977	ug/L 100
15) Methyl Acetate	2.99	43	17605	5.256	ug/L 100
16) Methylene chloride	3.08	84	44719	3.984	ug/L 98
17) Methyl tert-butyl Ether	3.41	73	103371	5.242	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	36821	5.359	ug/L 99
19) 1,1-Dichloroethane	3.91	63	78733	5.464	ug/L 99
21) 2-Butanone	4.76	43	165685	56.422	ug/L 99
22) cis-1,2-Dichloroethene	4.71	96	46473	5.589	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	17889	5.412	ug/L	96
25) Chloroform	5.13	83	80543	5.234	ug/L	100
27) 1,2-Dichloroethane	5.84	62	52830	5.386	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	59537	5.349	ug/L	97
30) Cyclohexane	5.43	56	62850	5.316	ug/L	98
31) Carbon tetrachloride	5.56	117	46082	5.132	ug/L	95
33) Benzene	5.81	78	172701	5.525	ug/L	100
34) Trichloroethene	6.57	95	43965	5.522	ug/L	96
35) Methylcyclohexane	6.80	83	66379	5.254	ug/L	97
37) 1,2-Dichloropropane	6.83	63	47364	5.549	ug/L	99
38) Bromodichloromethane	7.14	83	56774	5.574	ug/L	98
39) cis-1,3-Dichloropropene	7.64	75	65442	5.299	ug/L	97
40) 4-Methyl-2-pentanone	7.83	43	305349	55.438	ug/L	100
42) Toluene	8.00	91	186591	5.558	ug/L	97
44) trans-1,3-Dichloropropene	8.24	75	52920	5.483	ug/L	98
45) 1,1,2-Trichloroethane	8.43	97	33499	5.641	ug/L	95
47) Tetrachloroethene	8.58	164	28615	5.283	ug/L	95
48) 2-Hexanone	8.72	43	263267	55.853	ug/L	98
49) Dibromochloromethane	8.83	129	34171	5.564	ug/L	94
50) 1,2-Dibromoethane	8.95	107	29530	5.506	ug/L	97
51) Chlorobenzene	9.47	112	111039	5.346	ug/L	99
52) Ethylbenzene	9.59	91	201407	5.371	ug/L	99
53) m,p-Xylene	9.72	106	75093	5.442	ug/L	96
54) o-Xylene	10.12	106	73800	5.446	ug/L	97
55) Styrene	10.14	104	124246	5.439	ug/L	98
56) Isopropylbenzene	10.51	105	197011	5.432	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	43815	5.637	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	31152	5.528	ug/L	99
61) Bromoform	10.31	173	17058	5.360	ug/L	96
62) 1,3-Dichlorobenzene	11.76	146	83858	5.269	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	83710	5.306	ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	81379	5.304	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	6507	5.683	ug/L	93
67) 1,3,5-Trichlorobenzene	13.25	180	59177	5.281	ug/L	99
68) 1,2,4-trichlorobenzene	13.88	180	44626	5.282	ug/L	94
69) Naphthalene	14.12	128	74523	4.868	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	41138	5.425	ug/L	98

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

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