

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100719\
 Data File : VU034955.D
 Acq On : 07 Oct 2019 12:28
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00528

Quant Time: Oct 09 02:57:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 09 02:54:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	201618	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	198835	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	100125	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	58460	4.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	1.67	69	52044	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.26	63	121785	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.00%
20) 2-Butanone-d5	4.19	46	197719	56.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.66%
24) Chloroform-d	4.62	84	112577	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.29	65	65788	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.31	84	233468	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.31	67	78030	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.54	98	231920	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
43) trans-1,3-Dichloropropene-	7.83	79	29845	5.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.40%
46) 2-Hexanone-d5	8.30	63	156529	58.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.34%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	69060	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	11.84	152	86200	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	92077	4.997	ug/L 100
3) Chloromethane	1.32	50	100727	4.983	ug/L 98
5) Vinyl chloride	1.40	62	99960	5.035	ug/L 98
6) Bromomethane	1.62	94	53321	4.831	ug/L 100
8) Chloroethane	1.69	64	59610	5.006	ug/L 98
9) Trichlorofluoromethane	1.87	101	121402	5.056	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	67415	4.890	ug/L 99
12) 1,1-Dichloroethene	2.27	96	63902	4.934	ug/L 97
13) Acetone	2.33	43	155914	54.240	ug/L 98
14) Carbon disulfide	2.46	76	213060	4.944	ug/L 98
15) Methyl Acetate	2.61	43	39275	5.133	ug/L 99
16) Methylene chloride	2.68	84	73883	4.608	ug/L 96
17) Methyl tert-butyl Ether	2.99	73	183825	5.203	ug/L 100
18) trans-1,2-Dichloroethene	2.96	96	67891	4.896	ug/L 96
19) 1,1-Dichloroethane	3.42	63	138143	5.012	ug/L 98
21) 2-Butanone	4.27	43	239647	58.543	ug/L 100
22) cis-1,2-Dichloroethene	4.20	96	76148	4.923	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	34431	5.311	ug/L	95
25) Chloroform	4.65	83	146367	4.727	ug/L	96
27) 1,2-Dichloroethane	5.38	62	91347	5.051	ug/L	98
29) 1,1,1-Trichloroethane	4.89	97	111586	4.997	ug/L	99
30) Cyclohexane	4.97	56	122579	4.992	ug/L	100
31) Carbon tetrachloride	5.11	117	98917	5.108	ug/L	99
33) Benzene	5.36	78	299120	4.994	ug/L	100
34) Trichloroethene	6.16	95	76858	4.976	ug/L	95
35) Methylcyclohexane	6.39	83	127113	5.081	ug/L	100
37) 1,2-Dichloropropane	6.41	63	81851	5.066	ug/L	99
38) Bromodichloromethane	6.74	83	95942	5.066	ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	112503	5.140	ug/L	99
40) 4-Methyl-2-pentanone	7.45	43	571067	56.161	ug/L	99
42) Toluene	7.61	91	322547	5.159	ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	90137	5.317	ug/L	97
45) 1,1,2-Trichloroethane	8.05	97	57363	5.348	ug/L	99
47) Tetrachloroethene	8.21	164	61655	4.931	ug/L	98
48) 2-Hexanone	8.35	43	410660	58.903	ug/L	98
49) Dibromochloromethane	8.46	129	63277	5.103	ug/L	90
50) 1,2-Dibromoethane	8.57	107	54985	5.363	ug/L	96
51) Chlorobenzene	9.10	112	201602	4.976	ug/L	98
52) Ethylbenzene	9.23	91	355760	5.152	ug/L	100
53) m,p-Xylene	9.35	106	133312	5.227	ug/L	100
54) o-Xylene	9.76	106	129713	5.200	ug/L	99
55) Styrene	9.77	104	216141	5.351	ug/L	97
56) Isopropylbenzene	10.14	105	339991	5.116	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.43	83	77992	5.346	ug/L	99
59) 1,2,3-Trichloropropane	10.47	75	56109	5.365	ug/L	98
61) Bromoform	9.94	173	36302	5.286	ug/L	99
62) 1,3-Dichlorobenzene	11.40	146	161986	5.252	ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	164488	5.284	ug/L	98
65) 1,2-Dichlorobenzene	11.85	146	155036	5.209	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.64	75	10503	5.553	ug/L	92
67) 1,3,5-Trichlorobenzene	12.86	180	114991	5.506	ug/L	99
68) 1,2,4-trichlorobenzene	13.48	180	94657	6.069	ug/L	99
69) Naphthalene	13.72	128	157782	6.506	ug/L	99
70) 1,2,3-Trichlorobenzene	13.97	180	91604	6.039	ug/L	99

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

