

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100819\
 Data File : VU034999.D
 Acq On : 08 Oct 2019 19:07
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00508

Quant Time: Oct 09 07:25:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 09 07:15:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	166043	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	168735	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	88613	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	40283	4.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	1.67	69	40124	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.26	63	94546	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.40%
20) 2-Butanone-d5	4.17	46	146579	50.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.42%
24) Chloroform-d	4.62	84	81372	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.29	65	50757	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
32) Benzene-d6	5.32	84	177007	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.31	67	61040	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.54	98	172594	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	7.83	79	21197	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.30	63	114178	50.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.86%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	54497	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	67869	4.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	79920	5.267 ug/L	97
3) Chloromethane	1.32	50	87335	5.247 ug/L	100
5) Vinyl chloride	1.40	62	87201	5.333 ug/L	99
6) Bromomethane	1.62	94	48331	5.317 ug/L	96
8) Chloroethane	1.69	64	51668	5.269 ug/L	99
9) Trichlorofluoromethane	1.88	101	109217	5.523 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	60660	5.342 ug/L	98
12) 1,1-Dichloroethene	2.27	96	57967	5.435 ug/L	86
13) Acetone	2.32	43	124076	52.412 ug/L	95
14) Carbon disulfide	2.46	76	180339	5.081 ug/L	100
15) Methyl Acetate	2.61	43	32692	5.188 ug/L	98
16) Methylene chloride	2.68	84	68377	5.179 ug/L	84
17) Methyl tert-butyl Ether	2.99	73	156740	5.387 ug/L	97
18) trans-1,2-Dichloroethene	2.96	96	61431	5.379 ug/L	95
19) 1,1-Dichloroethane	3.42	63	121428	5.350 ug/L	100
21) 2-Butanone	4.26	43	181734	53.907 ug/L	96
22) cis-1,2-Dichloroethene	4.20	96	65788	5.164 ug/L	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	30117	5.641	ug/L	91
25) Chloroform	4.65	83	138971	5.449	ug/L	99
27) 1,2-Dichloroethane	5.38	62	80151	5.381	ug/L	97
29) 1,1,1-Trichloroethane	4.89	97	97205	5.129	ug/L	97
30) Cyclohexane	4.97	56	103431	4.964	ug/L	96
31) Carbon tetrachloride	5.11	117	86058	5.237	ug/L	99
33) Benzene	5.37	78	265107	5.216	ug/L	100
34) Trichloroethene	6.16	95	66249	5.054	ug/L	96
35) Methylcyclohexane	6.39	83	105624	4.975	ug/L	99
37) 1,2-Dichloropropane	6.41	63	72326	5.275	ug/L	99
38) Bromodichloromethane	6.74	83	83310	5.183	ug/L	98
39) cis-1,3-Dichloropropene	7.25	75	90869	4.892	ug/L	99
40) 4-Methyl-2-pentanone	7.45	43	447725	51.886	ug/L	96
42) Toluene	7.62	91	285998	5.391	ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	71125	4.944	ug/L	99
45) 1,1,2-Trichloroethane	8.05	97	48851	5.366	ug/L	95
47) Tetrachloroethene	8.21	164	54551	5.141	ug/L	94
48) 2-Hexanone	8.35	43	323153	54.620	ug/L	95
49) Dibromochloromethane	8.46	129	54683	5.197	ug/L	98
50) 1,2-Dibromoethane	8.57	107	46707	5.368	ug/L	99
51) Chlorobenzene	9.10	112	177438	5.161	ug/L	99
52) Ethylbenzene	9.23	91	302408	5.161	ug/L	99
53) m,p-Xylene	9.35	106	114964	5.311	ug/L	94
54) o-Xylene	9.76	106	109737	5.184	ug/L	97
55) Styrene	9.77	104	183795	5.362	ug/L	100
56) Isopropylbenzene	10.14	105	295905	5.247	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.44	83	65961	5.328	ug/L	100
59) 1,2,3-Trichloropropane	10.47	75	47052	5.302	ug/L	99
61) Bromoform	9.94	173	29304	4.822	ug/L	95
62) 1,3-Dichlorobenzene	11.40	146	137033	5.020	ug/L	98
63) 1,4-Dichlorobenzene	11.49	146	139351	5.058	ug/L	98
65) 1,2-Dichlorobenzene	11.86	146	132946	5.047	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.64	75	8120	4.851	ug/L	97
67) 1,3,5-Trichlorobenzene	12.87	180	93334	5.049	ug/L	98
68) 1,2,4-trichlorobenzene	13.48	180	63752	4.618	ug/L	100
69) Naphthalene	13.73	128	86754	4.042	ug/L	99
70) 1,2,3-Trichlorobenzene	13.96	180	65887	4.908	ug/L	98

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

