

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU051319\
 Data File : VU031980.D
 Acq On : 13 May 2019 19:55
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00530

Quant Time: May 14 02:44:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 14 02:38:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	481137	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	476928	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	214704	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	142719	4.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	1.67	69	137061	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.27	63	288035	4.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.60%
20) 2-Butanone-d5	4.19	46	551804	43.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.20%
24) Chloroform-d	4.64	84	301986	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.31	65	161003	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.80%
32) Benzene-d6	5.33	84	541352	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.33	67	194920	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	7.56	98	443994	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
43) trans-1,3-Dichloropropene-	7.85	79	67472	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.31	63	458244	57.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.18%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	180672	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	175787	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.21	85	212208	3.831 ug/L	97
3) Chloromethane	1.32	50	231546	3.507 ug/L	99
5) Vinyl chloride	1.40	62	244583	4.239 ug/L	97
6) Bromomethane	1.62	94	113847	4.298 ug/L	94
8) Chloroethane	1.69	64	150949	4.750 ug/L	99
9) Trichlorofluoromethane	1.88	101	297915	4.464 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	184936	5.325 ug/L	95
12) 1,1-Dichloroethene	2.28	96	181066	5.536 ug/L	74
13) Acetone	2.33	43	341478	39.052 ug/L	82
14) Carbon disulfide	2.47	76	532813	4.628 ug/L	100
15) Methyl Acetate	2.62	43	96771	4.290 ug/L #	89
16) Methylene chloride	2.69	84	215325	4.745 ug/L	81
17) Methyl tert-butyl Ether	3.00	73	509551	5.230 ug/L #	90
18) trans-1,2-Dichloroethene	2.97	96	195190	5.537 ug/L	80
19) 1,1-Dichloroethane	3.44	63	367786	4.242 ug/L	98
21) 2-Butanone	4.28	43	557776	38.172 ug/L	87
22) cis-1,2-Dichloroethene	4.22	96	210223	4.965 ug/L	76

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU051319\
 Data File : VU031980.D
 Acq On : 13 May 2019 19:55
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00530

Quant Time: May 14 02:44:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 14 02:38:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.54	128	85643	5.041	ug/L #	75
25) Chloroform	4.67	83	366641	4.297	ug/L	98
27) 1,2-Dichloroethane	5.40	62	223801	3.974	ug/L #	91
29) 1,1,1-Trichloroethane	4.91	97	282053	4.315	ug/L	97
30) Cyclohexane	4.99	56	292069	4.080	ug/L	88
31) Carbon tetrachloride	5.13	117	239227	4.298	ug/L	100
33) Benzene	5.38	78	787370	4.735	ug/L	100
34) Trichloroethene	6.18	95	198346	4.731	ug/L	94
35) Methylcyclohexane	6.41	83	287344	4.771	ug/L	88
37) 1,2-Dichloropropane	6.43	63	212969	4.475	ug/L #	98
38) Bromodichloromethane	6.75	83	251065	4.429	ug/L	93
39) cis-1,3-Dichloropropene	7.27	75	271509	4.553	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	1314964	41.056	ug/L #	89
42) Toluene	7.63	91	845656	5.150	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	220236	4.663	ug/L	97
45) 1,1,2-Trichloroethane	8.06	97	147552	5.233	ug/L	98
47) Tetrachloroethene	8.22	164	137090	5.028	ug/L	95
48) 2-Hexanone	8.36	43	984294	43.239	ug/L #	90
49) Dibromochloromethane	8.47	129	160778	4.903	ug/L	94
50) 1,2-Dibromoethane	8.58	107	137616	5.363	ug/L #	98
51) Chlorobenzene	9.12	112	504096	5.165	ug/L	94
52) Ethylbenzene	9.25	91	849177	4.958	ug/L	99
53) m,p-Xylene	9.37	106	318452	5.223	ug/L	93
54) o-Xylene	9.77	106	313976	5.385	ug/L	93
55) Styrene	9.79	104	559653	5.593	ug/L	91
56) Isopropylbenzene	10.16	105	813615	5.212	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.45	83	192970	5.124	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	133588	4.742	ug/L	98
61) Bromoform	9.95	173	87434	5.090	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	350261	5.137	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	359262	5.195	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	357199	5.370	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.65	75	29568	4.728	ug/L #	76
67) 1,3,5-Trichlorobenzene	12.88	180	266314	5.141	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	197793	5.169	ug/L	97
69) Naphthalene	13.74	128	353758	5.390	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	206797	5.806	ug/L	97

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

