

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112119\
 Data File : VU035798.D
 Acq On : 21 Nov 2019 12:27
 Operator : JC/SP
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV02

Quant Time: Nov 22 01:14:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 22 01:10:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	263174	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	292678	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	154351	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	165479	4.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.20%
7) Chloroethane-d5	1.93	69	138442	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.59	63	302785	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.80%
20) 2-Butanone-d5	4.70	46	393918	49.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.02%
24) Chloroform-d	5.11	84	280334	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.75	65	155600	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.77	84	543458	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.73	67	184083	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.93	98	510742	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
43) trans-1,3-Dichloropropene-	8.21	79	72200	4.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.60%
46) 2-Hexanone-d5	8.68	63	296083	50.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.62%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	148998	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	159434	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.40	85	176491	4.949 ug/L	99
3) Chloromethane	1.54	50	211939	4.827 ug/L	97
5) Vinyl chloride	1.62	62	219206	4.988 ug/L	98
6) Bromomethane	1.87	94	110703	4.901 ug/L	98
8) Chloroethane	1.95	64	127066	4.997 ug/L	96
9) Trichlorofluoromethane	2.16	101	256641	5.029 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	143096	4.937 ug/L	99
12) 1,1-Dichloroethene	2.61	96	133538	4.877 ug/L	98
13) Acetone	2.67	43	314448	45.001 ug/L	98
14) Carbon disulfide	2.82	76	446465	4.909 ug/L	100
15) Methyl Acetate	3.00	43	70180	5.010 ug/L	96
16) Methylene chloride	3.08	84	157916	4.773 ug/L	97
17) Methyl tert-butyl Ether	3.42	73	333059	5.027 ug/L	100
18) trans-1,2-Dichloroethene	3.39	96	134270	4.980 ug/L	97
19) 1,1-Dichloroethane	3.92	63	299772	4.948 ug/L	98
21) 2-Butanone	4.78	43	443062	50.108 ug/L	99
22) cis-1,2-Dichloroethene	4.72	96	151227	5.033 ug/L	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112119\
 Data File : VU035798.D
 Acq On : 21 Nov 2019 12:27
 Operator : JC/SP
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV02

Quant Time: Nov 22 01:14:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 22 01:10:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	67106	5.126	ug/L	94
25) Chloroform	5.14	83	288594	4.895	ug/L	99
27) 1,2-Dichloroethane	5.84	62	189624	4.891	ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	232609	4.922	ug/L	99
30) Cyclohexane	5.43	56	240098	5.198	ug/L	97
31) Carbon tetrachloride	5.56	117	199653	4.878	ug/L	98
33) Benzene	5.82	78	621236	5.085	ug/L	100
34) Trichloroethene	6.58	95	149519	4.992	ug/L	97
35) Methylcyclohexane	6.80	83	223750	5.090	ug/L	99
37) 1,2-Dichloropropane	6.83	63	171267	4.943	ug/L	99
38) Bromodichloromethane	7.15	83	205717	4.953	ug/L	99
39) cis-1,3-Dichloropropene	7.65	75	227611	5.074	ug/L	98
40) 4-Methyl-2-pentanone	7.84	43	1080585	50.797	ug/L	99
42) Toluene	8.00	91	657927	5.177	ug/L	99
44) trans-1,3-Dichloropropene	8.25	75	199120	5.354	ug/L	99
45) 1,1,2-Trichloroethane	8.44	97	112647	4.989	ug/L	98
47) Tetrachloroethene	8.58	164	114526	5.025	ug/L	97
48) 2-Hexanone	8.73	43	775868	49.540	ug/L	97
49) Dibromochloromethane	8.84	129	131472	4.936	ug/L	100
50) 1,2-Dibromoethane	8.96	107	102240	4.949	ug/L	98
51) Chlorobenzene	9.48	112	392316	4.984	ug/L	98
52) Ethylbenzene	9.60	91	663146	5.046	ug/L	98
53) m,p-Xylene	9.72	106	250550	5.408	ug/L	98
54) o-Xylene	10.13	106	237006	5.267	ug/L	96
55) Styrene	10.14	104	401392	5.378	ug/L	99
56) Isopropylbenzene	10.51	105	623383	5.244	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	148282	4.746	ug/L	98
59) 1,2,3-Trichloropropane	10.85	75	109257	4.850	ug/L	97
61) Bromoform	10.32	173	72372	4.667	ug/L	97
62) 1,3-Dichlorobenzene	11.77	146	281887	5.088	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	279168	5.118	ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	261922	4.956	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.02	75	20318	4.646	ug/L	98
67) 1,3,5-Trichlorobenzene	13.24	180	168846	5.072	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	104309	5.452	ug/L	99
69) Naphthalene	14.11	128	145749	5.410	ug/L	98
70) 1,2,3-Trichlorobenzene	14.35	180	104998	5.643	ug/L	99

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

