

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101719\
 Data File : VU035209.D
 Acq On : 17 Oct 2019 13:45
 Operator : JC/SP
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV05

Quant Time: Oct 18 03:05:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 18 02:50:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	390230	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	374651	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	179546	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	113414	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.93	69	104790	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.59	63	218557	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.40%
20) 2-Butanone-d5	4.72	46	336676	49.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.48%
24) Chloroform-d	5.11	84	210213	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.75	65	118224	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.77	84	411939	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.73	67	132366	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.93	98	389523	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	8.21	79	62397	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.69	63	288715	49.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.18%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	118913	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	153197	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	166766	5.021	ug/L 98
3) Chloromethane	1.53	50	164407	4.990	ug/L 99
5) Vinyl chloride	1.62	62	186410	5.509	ug/L 99
6) Bromomethane	1.87	94	98800	4.946	ug/L 99
8) Chloroethane	1.95	64	105558	4.839	ug/L 98
9) Trichlorofluoromethane	2.16	101	210918	4.669	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	118326	4.547	ug/L 97
12) 1,1-Dichloroethene	2.61	96	116655	4.653	ug/L 92
13) Acetone	2.69	43	234583	49.319	ug/L 99
14) Carbon disulfide	2.82	76	389107	4.908	ug/L 100
15) Methyl Acetate	3.01	43	51339	4.332	ug/L 96
16) Methylene chloride	3.08	84	133419	4.424	ug/L 97
17) Methyl tert-butyl Ether	3.43	73	314623	4.663	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	127293	4.705	ug/L 96
19) 1,1-Dichloroethane	3.92	63	231067	4.723	ug/L 99
21) 2-Butanone	4.79	43	383144	49.423	ug/L 99
22) cis-1,2-Dichloroethene	4.72	96	141723	4.739	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	62442	4.851	ug/L	99
25) Chloroform	5.14	83	249563	4.649	ug/L	99
27) 1,2-Dichloroethane	5.84	62	157411	4.781	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	208545	4.752	ug/L	100
30) Cyclohexane	5.43	56	219867	4.678	ug/L	99
31) Carbon tetrachloride	5.56	117	185172	4.686	ug/L	99
33) Benzene	5.82	78	519815	4.716	ug/L	100
34) Trichloroethene	6.58	95	138136	4.661	ug/L	97
35) Methylcyclohexane	6.80	83	225648	4.556	ug/L	99
37) 1,2-Dichloropropane	6.83	63	131661	4.705	ug/L	100
38) Bromodichloromethane	7.15	83	177295	4.703	ug/L	99
39) cis-1,3-Dichloropropene	7.65	75	213907	4.567	ug/L	98
40) 4-Methyl-2-pentanone	7.85	43	898157	47.544	ug/L	99
42) Toluene	8.01	91	568277	4.670	ug/L	99
44) trans-1,3-Dichloropropene	8.25	75	181172	4.733	ug/L	100
45) 1,1,2-Trichloroethane	8.44	97	98053	4.720	ug/L	99
47) Tetrachloroethene	8.58	164	117360	4.753	ug/L	95
48) 2-Hexanone	8.74	43	648209	48.927	ug/L	97
49) Dibromochloromethane	8.84	129	124071	4.711	ug/L	97
50) 1,2-Dibromoethane	8.96	107	99135	4.773	ug/L	97
51) Chlorobenzene	9.48	112	375149	4.775	ug/L	97
52) Ethylbenzene	9.60	91	646549	4.673	ug/L	100
53) m,p-Xylene	9.73	106	245471	4.698	ug/L	98
54) o-Xylene	10.13	106	238208	4.671	ug/L	98
55) Styrene	10.14	104	393779	4.743	ug/L	98
56) Isopropylbenzene	10.51	105	641748	4.678	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	125489	4.694	ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	89663	4.599	ug/L	100
61) Bromoform	10.32	173	76694	4.612	ug/L	100
62) 1,3-Dichlorobenzene	11.77	146	286181	4.671	ug/L	99
63) 1,4-Dichlorobenzene	11.87	146	280233	4.652	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	271196	4.712	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	18833	4.632	ug/L	90
67) 1,3,5-Trichlorobenzene	13.25	180	201481	5.307	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	119905	4.744	ug/L	99
69) Naphthalene	14.11	128	123764	3.567	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	114713	4.854	ug/L	99

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

