

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
 Data File : VU041980.D
 Acq On : 13 Jan 2021 13:54
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV02

Quant Time: Jan 14 16:49:40 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 14 16:46:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	127894	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	122709	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	57643	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	48706	5.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.80%
7) Chloroethane-d5	1.919	69	47623	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.575	63	102132	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.00%
20) 2-Butanone-d5	4.661	46	167716	51.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.56%
24) Chloroform-d	5.076	84	95904	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.716	65	53289	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.739	84	179359	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.700	67	60019	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.902	98	165394	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloroprop...	8.182	79	25172	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
46) 2-Hexanone-d5	8.639	63	137996	51.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.96%
57) 1,1,2,2-Tetrachloroeth...	10.754	84	49231	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	12.188	152	54223	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.385	85	62133	5.28	ug/L	99
3) Chloromethane	1.520	50	78697	5.33	ug/L	98
5) Vinyl chloride	1.607	62	82680	5.45	ug/L	99
6) Bromomethane	1.861	94	49328	5.26	ug/L	97
8) Chloroethane	1.938	64	47974	5.17	ug/L	99
9) Trichlorofluoromethane	2.144	101	101573	5.32	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	56947	5.57	ug/L	98
12) 1,1-Dichloroethene	2.588	96	53886	5.36	ug/L	96
13) Acetone	2.671	43	113029	55.84	ug/L	81
14) Carbon disulfide	2.800	76	179506	5.45	ug/L	99
15) Methyl Acetate	2.970	43	27109	5.49	ug/L #	88
16) Methylene chloride	3.057	84	65622	5.63	ug/L	98
17) Methyl tert-butyl Ether	3.378	73	145361	5.54	ug/L	100
18) trans-1,2-Dichloroethene	3.366	96	53890	5.31	ug/L	97
19) 1,1-Dichloroethane	3.883	63	100712	5.05	ug/L	95
21) 2-Butanone	4.739	43	182273	56.50	ug/L	100
22) cis-1,2-Dichloroethene	4.681	96	57201	5.38	ug/L	97
23) Bromochloromethane	4.986	128	25011	5.15	ug/L	96
25) Chloroform	5.102	83	98977	4.96	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.806	62	71714	5.59	ug/L	96
29) 1,1,1-Trichloroethane	5.330	97	89190	4.96	ug/L	96
30) Cyclohexane	5.401	56	95748	5.18	ug/L	99
31) Carbon tetrachloride	5.536	117	76087	4.90	ug/L	97
33) Benzene	5.787	78	242153	5.27	ug/L	100
34) Trichloroethene	6.549	95	56072	4.94	ug/L	97
35) Methylcyclohexane	6.771	83	90170	5.01	ug/L	99
37) 1,2-Dichloropropane	6.800	63	58665	4.97	ug/L	99
38) Bromodichloromethane	7.111	83	75969	4.97	ug/L	97
39) cis-1,3-Dichloropropene	7.613	75	84787	4.82	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	419660	51.22	ug/L	99
42) Toluene	7.973	91	235756	4.94	ug/L	98
44) trans-1,3-Dichloropropene	8.214	75	75980	4.99	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	42074	5.05	ug/L	97
47) Tetrachloroethene	8.555	164	38772	5.27	ug/L	98
48) 2-Hexanone	8.690	43	294159	53.46	ug/L	99
49) Dibromochloromethane	8.812	129	51751	5.70	ug/L	97
50) 1,2-Dibromoethane	8.928	107	40170	5.26	ug/L	99
51) Chlorobenzene	9.449	112	140374	5.23	ug/L	98
52) Ethylbenzene	9.571	91	250951	5.44	ug/L	100
53) m,p-Xylene	9.693	106	92980	5.58	ug/L	89
54) o-Xylene	10.098	106	90510	5.61	ug/L	97
55) Styrene	10.115	104	158269	5.71	ug/L	99
56) Isopropylbenzene	10.481	105	233036	5.39	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.780	83	51578	5.06	ug/L	96
59) 1,2,3-Trichloropropane	10.822	75	37798	4.87	ug/L	100
61) Bromoform	10.291	173	27261	5.59	ug/L	99
62) 1,3-Dichlorobenzene	11.741	146	101726	5.41	ug/L	99
63) 1,4-Dichlorobenzene	11.832	146	103287	5.47	ug/L	100
65) 1,2-Dichlorobenzene	12.208	146	97908	5.28	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.986	75	8954	5.26	ug/L	98
67) 1,3,5-Trichlorobenzene	13.208	180	72720	5.41	ug/L	99
68) 1,2,4-trichlorobenzene	13.828	180	58966	5.81	ug/L	99
69) Naphthalene	14.076	128	115391	6.39	ug/L	99
70) 1,2,3-Trichlorobenzene	14.317	180	57094	6.05	ug/L	98

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

