

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012021\
 Data File : VU042100.D
 Acq On : 20 Jan 2021 12:20
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV03

Quant Time: Jan 21 04:19:16 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 21 04:09:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	152136	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	145263	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	81926	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.601	65	43779	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.916	69	34297	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.575	63	103050	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.40%
20) 2-Butanone-d5	4.652	46	163430	45.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.28%
24) Chloroform-d	5.073	84	92545	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.713	65	53964	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
32) Benzene-d6	5.735	84	172856	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.700	67	54619	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.20%
41) Toluene-d8	7.906	98	158738	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloroprop...	8.189	79	28051	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.645	63	122234	45.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.54%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	47271	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	12.201	152	67147	4.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.385	85	77423	5.40	ug/L 100
3) Chloromethane	1.520	50	67965	5.32	ug/L 99
5) Vinyl chloride	1.604	62	66017	5.39	ug/L 100
6) Bromomethane	1.861	94	39316	5.42	ug/L 99
8) Chloroethane	1.938	64	38382	5.40	ug/L 100
9) Trichlorofluoromethane	2.144	101	90138	5.43	ug/L 100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	57414	5.35	ug/L 98
12) 1,1-Dichloroethene	2.584	96	55259	5.36	ug/L 95
13) Acetone	2.668	43	128449	53.85	ug/L 97
14) Carbon disulfide	2.800	76	187298	5.48	ug/L 100
15) Methyl Acetate	2.967	43	33332	5.92	ug/L 98
16) Methylene chloride	3.054	84	61820	5.09	ug/L 98
17) Methyl tert-butyl Ether	3.372	73	161960	5.43	ug/L 99
18) trans-1,2-Dichloroethene	3.362	96	57411	5.23	ug/L 97
19) 1,1-Dichloroethane	3.877	63	110709	5.46	ug/L 99
21) 2-Butanone	4.729	43	217853	54.52	ug/L 99
22) cis-1,2-Dichloroethene	4.678	96	62758	5.36	ug/L 100
23) Bromochloromethane	4.983	128	28944	5.36	ug/L 98
25) Chloroform	5.099	83	112576	5.38	ug/L 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	79913	5.39	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	104406	5.45	ug/L	99
30) Cyclohexane	5.398	56	109103	5.30	ug/L	99
31) Carbon tetrachloride	5.533	117	91730	5.44	ug/L	100
33) Benzene	5.784	78	234735	5.49	ug/L	100
34) Trichloroethene	6.549	95	63983	5.55	ug/L	99
35) Methylcyclohexane	6.771	83	104679	5.41	ug/L	99
37) 1,2-Dichloropropane	6.800	63	60831	5.40	ug/L	99
38) Bromodichloromethane	7.115	83	84714	5.45	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	102280	5.52	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	526278	54.65	ug/L	100
42) Toluene	7.976	91	251861	5.44	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	93290	5.50	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	46108	5.53	ug/L	99
47) Tetrachloroethene	8.562	164	53891	5.62	ug/L	97
48) 2-Hexanone	8.697	43	379064	56.62	ug/L	100
49) Dibromochloromethane	8.819	129	59676	5.39	ug/L	95
50) 1,2-Dibromoethane	8.931	107	46044	5.35	ug/L	100
51) Chlorobenzene	9.456	112	161821	5.47	ug/L	99
52) Ethylbenzene	9.578	91	290039	5.47	ug/L	97
53) m,p-Xylene	9.703	106	111595	5.62	ug/L	99
54) o-Xylene	10.108	106	106171	5.51	ug/L	100
55) Styrene	10.121	104	187529	5.65	ug/L	97
56) Isopropylbenzene	10.491	105	292153	5.49	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.790	83	57330	5.39	ug/L	99
59) 1,2,3-Trichloropropane	10.832	75	43188	5.43	ug/L	98
61) Bromoform	10.301	173	39389	5.32	ug/L	99
62) 1,3-Dichlorobenzene	11.754	146	140294	5.49	ug/L	99
63) 1,4-Dichlorobenzene	11.844	146	142924	5.59	ug/L	99
65) 1,2-Dichlorobenzene	12.221	146	130713	5.50	ug/L	99
66) 1,2-Dibromo-3-chloropr...	13.005	75	11846	5.58	ug/L	96
67) 1,3,5-Trichlorobenzene	13.227	180	116744	5.71	ug/L	99
68) 1,2,4-trichlorobenzene	13.848	180	100068	6.18	ug/L	99
69) Naphthalene	14.095	128	162450	6.86	ug/L	100
70) 1,2,3-Trichlorobenzene	14.340	180	88117	6.15	ug/L	98

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

