

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110723\
 Data File : VU056093.D
 Acq On : 07 Nov 2023 11:39
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV078

Quant Time: Nov 08 00:34:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 08 00:28:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	380987	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	362638	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	182123	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	116515	4.927	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.600%
7) Chloroethane-d5	1.908	69	87002	5.421	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.400%
11) 1,1-Dichloroethene-d2	2.563	65	50747	4.871	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.400%
20) 2-Butanone-d5	4.621	46	204487	52.709	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.420%
24) Chloroform-d	5.059	84	228435	5.075	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	5.698	65	100864	5.089	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	5.724	84	461142	5.295	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.800%
36) 1,2-Dichloropropane-d6	6.686	67	135696	5.293	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.800%
41) Toluene-d8	7.894	98	422092	5.289	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
43) trans-1,3-Dichloroprop...	8.177	79	52038	5.310	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.200%
46) 2-Hexanone-d5	8.631	63	174964	54.470	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.940%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	96130	5.253	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	140909	5.017	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	173898	5.382	ug/L	100
3) Chloromethane	1.515	50	160856	5.314	ug/L	98
5) Vinyl chloride	1.602	62	168975	5.396	ug/L	100
6) Bromomethane	1.853	94	93202	5.182	ug/L	99
8) Chloroethane	1.927	64	103863	6.118	ug/L	99
9) Trichlorofluoromethane	2.133	101	219583	5.302	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	138593	5.253	ug/L	99
12) 1,1-Dichloroethene	2.576	96	133582	5.455	ug/L	98
13) Acetone	2.625	43	150374	52.558	ug/L	98
14) Carbon disulfide	2.789	76	450136	5.395	ug/L	100
15) Methyl Acetate	2.946	43	45144	5.592	ug/L	95
16) Methylene chloride	3.039	84	148002	5.271	ug/L	98
17) Methyl tert-butyl Ether	3.358	73	304457	5.519	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	139269	5.367	ug/L	98
19) 1,1-Dichloroethane	3.862	63	257186	5.434	ug/L	97
21) 2-Butanone	4.698	43	263987	55.947	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	152657	5.450	ug/L	99
23) Bromochloromethane	4.969	128	66114	5.320	ug/L	98
25) Chloroform	5.081	83	264509	5.244	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	152063	5.327	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	229214	5.517	ug/L	99
30) Cyclohexane	5.383	56	209558	5.399	ug/L	100
31) Carbon tetrachloride	5.518	117	197583	5.356	ug/L	100
33) Benzene	5.769	78	579299	5.579	ug/L	100
34) Trichloroethene	6.538	95	157626	5.557	ug/L	96
35) Methylcyclohexane	6.759	83	228187	5.413	ug/L	100
37) 1,2-Dichloropropane	6.785	63	147427	5.460	ug/L	100
38) Bromodichloromethane	7.100	83	183319	5.437	ug/L	95
39) cis-1,3-Dichloropropene	7.605	75	211094	5.539	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	670182	56.742	ug/L	100
42) Toluene	7.965	91	609078	5.564	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	172370	5.586	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	104550	5.664	ug/L	98
47) Tetrachloroethene	8.550	164	115888	5.444	ug/L	97
48) 2-Hexanone	8.679	43	487885	56.734	ug/L	99
49) Dibromochloromethane	8.808	129	120437	5.686	ug/L	95
50) 1,2-Dibromoethane	8.920	107	95689	5.548	ug/L	98
51) Chlorobenzene	9.444	112	383862	5.435	ug/L	98
52) Ethylbenzene	9.566	91	658955	5.524	ug/L	100
53) m,p-Xylene	9.692	106	254799	5.616	ug/L	99
54) o-Xylene	10.097	106	244882	5.631	ug/L	95
55) Styrene	10.113	104	416197	5.850	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.779	83	117497	5.416	ug/L	98
59) Bromoform	10.287	173	68707	5.432	ug/L	98
60) Isopropylbenzene	10.483	105	646251	5.473	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	84823	5.396	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	528110	5.515	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	527153	5.612	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	308362	5.514	ug/L	100
65) 1,4-Dichlorobenzene	11.833	146	299056	5.408	ug/L	100
67) 1,2-Dichlorobenzene	12.209	146	280111	5.435	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	17691	5.335	ug/L	91
69) 1,3,5-Trichlorobenzene	13.216	180	226109	5.398	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	189054	5.689	ug/L	98
71) Naphthalene	14.084	128	288328	5.850	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	165904	5.694	ug/L	99

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

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