

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055042.D
 Acq On : 01 Sep 2023 15:17
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV054

Quant Time: Sep 01 23:40:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 01 23:32:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	200976	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	202282	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	117890	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	46430	4.929	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.600%
7) Chloroethane-d5	1.908	69	54363	4.986	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.800%
11) 1,1-Dichloroethene-d2	2.563	65	27876	5.194	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.800%
20) 2-Butanone-d5	4.631	46	144577	52.892	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.780%
24) Chloroform-d	5.059	84	131518	5.262	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
26) 1,2-Dichloroethane-d4	5.698	65	63314	5.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.724	84	254476	5.097	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
36) 1,2-Dichloropropane-d6	6.689	67	80417	5.064	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.894	98	238716	5.190	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
43) trans-1,3-Dichloroprop...	8.177	79	23866	5.457	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.200%
46) 2-Hexanone-d5	8.631	63	96920	54.586	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.180%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	58340	5.223	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	82368	4.787	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	62066	5.314	ug/L	99
3) Chloromethane	1.518	50	60038	5.050	ug/L	99
5) Vinyl chloride	1.599	62	64084	5.109	ug/L	93
6) Bromomethane	1.853	94	37683	4.982	ug/L	99
8) Chloroethane	1.930	64	41652	5.100	ug/L	99
9) Trichlorofluoromethane	2.136	101	93647	5.134	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	56534	5.327	ug/L	98
12) 1,1-Dichloroethene	2.576	96	46733	5.030	ug/L	98
13) Acetone	2.637	43	97451	53.194	ug/L	98
14) Carbon disulfide	2.788	76	115518	5.077	ug/L	99
15) Methyl Acetate	2.956	43	19755	5.268	ug/L	98
16) Methylene chloride	3.043	84	67810	4.776	ug/L	93
17) Methyl tert-butyl Ether	3.361	73	130708	5.364	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	48206	5.114	ug/L	99
19) 1,1-Dichloroethane	3.862	63	105163	5.162	ug/L	97
21) 2-Butanone	4.708	43	146902	54.576	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	59797	5.182	ug/L	92
23) Bromochloromethane	4.972	128	24585	5.180	ug/L #	92
25) Chloroform	5.084	83	109604	5.165	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	67658	5.224	ug/L	98
29) 1,1,1-Trichloroethane	5.313	97	89615	5.122	ug/L	100
30) Cyclohexane	5.386	56	82065	5.274	ug/L	98
31) Carbon tetrachloride	5.521	117	75259	5.173	ug/L	95
33) Benzene	5.772	78	221907	5.154	ug/L	100
34) Trichloroethene	6.538	95	59943	5.010	ug/L	97
35) Methylcyclohexane	6.763	83	85568	5.097	ug/L	96
37) 1,2-Dichloropropane	6.788	63	60604	5.171	ug/L	99
38) Bromodichloromethane	7.103	83	71875	5.136	ug/L	95
39) cis-1,3-Dichloropropene	7.605	75	85902	5.389	ug/L	100
40) 4-Methyl-2-pentanone	7.788	43	348396	52.109	ug/L	100
42) Toluene	7.968	91	243960	5.315	ug/L	96
44) trans-1,3-Dichloropropene	8.209	75	66820	5.340	ug/L	95
45) 1,1,2-Trichloroethane	8.399	97	42239	5.350	ug/L	98
47) Tetrachloroethene	8.550	164	43183	5.222	ug/L	97
48) 2-Hexanone	8.682	43	279120	53.298	ug/L	98
49) Dibromochloromethane	8.808	129	44112	5.119	ug/L	88
50) 1,2-Dibromoethane	8.920	107	39008	5.426	ug/L	88
51) Chlorobenzene	9.444	112	156323	5.143	ug/L	98
52) Ethylbenzene	9.570	91	269698	5.252	ug/L	99
53) m,p-Xylene	9.692	106	98482	5.183	ug/L	97
54) o-Xylene	10.097	106	96606	5.167	ug/L	99
55) Styrene	10.113	104	163192	5.285	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.779	83	52684	5.358	ug/L	96
59) Bromoform	10.290	173	23360	4.959	ug/L	95
60) Isopropylbenzene	10.483	105	271087	4.931	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	36972	4.726	ug/L	99
62) 1,3,5-Trimethylbenzene	11.087	105	225970	4.941	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	217381	4.823	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	127017	4.813	ug/L	99
65) 1,4-Dichlorobenzene	11.836	146	127171	4.835	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	116474	4.707	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.994	75	7113	4.720	ug/L	91
69) 1,3,5-Trichlorobenzene	13.219	180	92337	4.630	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	76779	4.106	ug/L	97
71) Naphthalene	14.084	128	136994	4.030	ug/L	97
72) 1,2,3-Trichlorobenzene	14.328	180	68399	4.214	ug/L	99

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

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