

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050161.D
 Acq On : 09 Aug 2022 02:44
 Operator : SY/MD
 Sample : N4075-05MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUV5MS

Quant Time: Aug 09 05:19:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 09 03:59:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	91093	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	93229	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	42726	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	39195	5.170	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 103.400%		
7) Chloroethane-d5	1.909	69	33855	5.535	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 110.800%		
11) 1,1-Dichloroethene-d2	2.562	65	15049	5.079	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 101.600%		
20) 2-Butanone-d5	4.623	46	101654	54.988	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 109.980%		
24) Chloroform-d	5.063	84	76635	5.435	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 108.600%		
26) 1,2-Dichloroethane-d4	5.703	65	37743	5.213	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 104.200%		
32) Benzene-d6	5.729	84	148907	5.118	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.400%		
36) 1,2-Dichloropropane-d6	6.694	67	48252	5.036	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 100.800%		
41) Toluene-d8	7.899	98	133217	5.184	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 103.600%		
43) trans-1,3-Dichloroprop...	8.179	79	15524	4.522	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 90.400%		
46) 2-Hexanone-d5	8.632	63	71263	58.534	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 117.060%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42773	5.084	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 101.600%		
66) 1,2-Dichlorobenzene-d4	12.195	152	41841	4.998	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 100.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	38571	4.618	ug/L	99
3) Chloromethane	1.520	50	54750	5.012	ug/L	98
5) Vinyl chloride	1.604	62	48328	4.938	ug/L	99
6) Bromomethane	1.848	94	26592	4.257	ug/L	100
8) Chloroethane	1.928	64	30707	5.325	ug/L	99
9) Trichlorofluoromethane	2.134	101	52957	4.941	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	28928	4.852	ug/L	96
12) 1,1-Dichloroethene	2.578	96	30996	4.923	ug/L	91
13) Acetone	2.623	43	64330	62.485	ug/L	89
14) Carbon disulfide	2.790	76	108911	4.843	ug/L	99
15) Methyl Acetate	2.951	43	11742	4.177	ug/L	93
16) Methylene chloride	3.044	84	43067	4.476	ug/L	99
17) Methyl tert-butyl Ether	3.362	73	81577	4.964	ug/L	97
18) trans-1,2-Dichloroethene	3.353	96	34681	4.919	ug/L	92
19) 1,1-Dichloroethane	3.871	63	70471	5.278	ug/L	99
21) 2-Butanone	4.700	43	107409	58.017	ug/L	95
22) cis-1,2-Dichloroethene	4.665	96	40909	5.228	ug/L	97
23) Bromochloromethane	4.973	128	19503	5.215	ug/L	97
25) Chloroform	5.089	83	74541	5.237	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	46023	5.313	ug/L	100
29) 1,1,1-Trichloroethane	5.317	97	56616	4.950	ug/L	99
30) Cyclohexane	5.388	56	42586	4.274	ug/L	98
31) Carbon tetrachloride	5.523	117	45329	4.835	ug/L	98
33) Benzene	5.774	78	163283	4.999	ug/L	100
34) Trichloroethene	6.542	95	36956	4.678	ug/L	98
35) Methylcyclohexane	6.764	83	42587	4.176	ug/L	99
37) 1,2-Dichloropropane	6.793	63	43909	5.047	ug/L	100
38) Bromodichloromethane	7.105	83	54239	5.132	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	51825	4.564	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	254902	50.581	ug/L	100
42) Toluene	7.970	91	168828	5.154	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	44634	4.583	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	32871	5.054	ug/L	98
47) Tetrachloroethene	8.552	164	26438	4.671	ug/L	97
48) 2-Hexanone	8.684	43	193049	49.529	ug/L	98
49) Dibromochloromethane	8.809	129	36745	5.105	ug/L	97
50) 1,2-Dibromoethane	8.925	107	30509	5.173	ug/L	97
51) Chlorobenzene	9.446	112	99895	4.847	ug/L	97
52) Ethylbenzene	9.571	91	150214	4.699	ug/L	99
53) m,p-Xylene	9.693	106	58897	5.003	ug/L	98
54) o-Xylene	10.102	106	58180	4.951	ug/L	99
55) Styrene	10.115	104	99125	5.049	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	44414	5.197	ug/L	100
59) Bromoform	10.291	173	20899	4.877	ug/L	96
60) Isopropylbenzene	10.484	105	138887	4.867	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	29916	5.140	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	35972	4.462	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	101585	4.625	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	70166	4.879	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	68996	4.930	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	69967	5.024	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	6066	5.315	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	45893	4.479	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	34176	4.403	ug/L	98
71) Naphthalene	14.086	128	67283	4.227	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	37050	4.708	ug/L	98

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

