

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050307.D
 Acq On : 13 Aug 2022 02:13
 Operator : SY/MD
 Sample : N4072-04MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUT5MS

Quant Time: Aug 13 02:38:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 13 01:20:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	73668	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	74491	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	35806	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	26330	4.295	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.800%
7) Chloroethane-d5	1.909	69	26685	5.395	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.000%
11) 1,1-Dichloroethene-d2	2.565	65	9676	4.038	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.800%
20) 2-Butanone-d5	4.623	46	106026	70.919	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	141.840%#
24) Chloroform-d	5.063	84	64930	5.694	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.800%
26) 1,2-Dichloroethane-d4	5.700	65	34224	5.845	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.000%
32) Benzene-d6	5.726	84	113270	4.873	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	6.690	67	40922	5.346	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.000%
41) Toluene-d8	7.896	98	93564	4.557	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	8.179	79	13121	4.783	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.632	63	67907	69.808	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	139.620%#
56) 1,1,2,2-Tetrachloroeth...	10.755	84	39908	5.937	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	35462	5.055	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	37412	5.539	ug/L	99
3) Chloromethane	1.520	50	51959	5.881	ug/L	98
5) Vinyl chloride	1.604	62	47999	6.065	ug/L	98
6) Bromomethane	1.851	94	12522	2.479	ug/L	94
8) Chloroethane	1.932	64	31354	6.723	ug/L	95
9) Trichlorofluoromethane	2.138	101	53483	6.171	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	28995	6.014	ug/L	98
12) 1,1-Dichloroethene	2.578	96	30379	5.966	ug/L	83
13) Acetone	2.629	43	68586	82.376	ug/L	93
14) Carbon disulfide	2.790	76	104164	5.727	ug/L	99
15) Methyl Acetate	2.951	43	12421	5.464	ug/L	93
16) Methylene chloride	3.044	84	42210	5.425	ug/L	98
17) Methyl tert-butyl Ether	3.363	73	82625	6.217	ug/L	97
18) trans-1,2-Dichloroethene	3.353	96	34938	6.128	ug/L	96
19) 1,1-Dichloroethane	3.867	63	69484	6.435	ug/L	99
21) 2-Butanone	4.703	43	111449	74.439	ug/L	98
22) cis-1,2-Dichloroethene	4.668	96	40426	6.388	ug/L	99
23) Bromochloromethane	4.973	128	19237	6.360	ug/L	98
25) Chloroform	5.089	83	73803	6.412	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	45874	6.548	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	56225	6.153	ug/L	99
30) Cyclohexane	5.388	56	42316	5.315	ug/L	100
31) Carbon tetrachloride	5.523	117	44643	5.960	ug/L	99
33) Benzene	5.774	78	159924	6.127	ug/L	100
34) Trichloroethene	6.543	95	36651	5.806	ug/L	97
35) Methylcyclohexane	6.764	83	42278	5.189	ug/L	97
37) 1,2-Dichloropropane	6.790	63	43639	6.277	ug/L	100
38) Bromodichloromethane	7.105	83	52693	6.240	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	49263	5.430	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	262761	65.256	ug/L	98
42) Toluene	7.970	91	164127	6.270	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	43191	5.551	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	32661	6.285	ug/L	95
47) Tetrachloroethene	8.552	164	26739	5.912	ug/L	96
48) 2-Hexanone	8.684	43	198540	63.750	ug/L	99
49) Dibromochloromethane	8.809	129	36562	6.357	ug/L	99
50) 1,2-Dibromoethane	8.922	107	30185	6.406	ug/L	98
51) Chlorobenzene	9.446	112	97877	5.943	ug/L	97
52) Ethylbenzene	9.571	91	147895	5.790	ug/L	100
53) m,p-Xylene	9.694	106	57250	6.086	ug/L	98
54) o-Xylene	10.099	106	56984	6.069	ug/L	97
55) Styrene	10.115	104	92957	5.926	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	44266	6.482	ug/L	98
59) Bromoform	10.292	173	20858	5.809	ug/L	99
60) Isopropylbenzene	10.484	105	139517	5.835	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	30027	6.156	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	37611	5.567	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	106662	5.795	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	68547	5.687	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	68856	5.871	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	70688	6.056	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	6619	6.921	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	50071	5.832	ug/L	97
70) 1,2,4-trichlorobenzene	13.838	180	39444	6.063	ug/L	99
71) Naphthalene	14.086	128	82075	6.153	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	42116	6.386	ug/L	98

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

