

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120922\
 Data File : VU052338.D
 Acq On : 10 Dec 2022 05:57
 Operator : JC/MD
 Sample : N5930-11MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ94MS

Quant Time: Dec 10 06:52:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 04:19:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	250544	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	251085	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	136325	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	123678	5.075	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	101.400%	
7) Chloroethane-d5	1.916	69	78417	4.143	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	82.800%	
11) 1,1-Dichloroethene-d2	2.568	65	35559	4.071	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	81.400%	
20) 2-Butanone-d5	4.639	46	280883	63.585	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	127.160%	
24) Chloroform-d	5.063	84	169650	4.738	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.800%	
26) 1,2-Dichloroethane-d4	5.700	65	84470	4.670	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.400%	
32) Benzene-d6	5.726	84	345536	4.635	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.800%	
36) 1,2-Dichloropropane-d6	6.687	67	112106	4.860	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.200%	
41) Toluene-d8	7.896	98	317603	4.709	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.200%	
43) trans-1,3-Dichloroprop...	8.176	79	39785	4.733	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.600%	
46) 2-Hexanone-d5	8.629	63	199483	55.993	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	111.980%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	105091	5.254	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	105.000%	
66) 1,2-Dichlorobenzene-d4	12.189	152	126264	4.838	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	93122	4.285	ug/L	99
3) Chloromethane	1.523	50	119590	4.217	ug/L	99
5) Vinyl chloride	1.607	62	4048668	148.588	ug/L	98
6) Bromomethane	1.861	94	46527	3.328	ug/L	97
8) Chloroethane	1.938	64	212665	12.551	ug/L	96
9) Trichlorofluoromethane	2.141	101	139375	4.650	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	83538	4.558	ug/L	98
12) 1,1-Dichloroethene	2.584	96	242402	13.337	ug/L #	71
13) Acetone	2.649	43	165089	55.035	ug/L	99
14) Carbon disulfide	2.797	76	272803	4.336	ug/L	99
15) Methyl Acetate	2.957	43	33458	4.300	ug/L	98
16) Methylene chloride	3.047	84	106573	4.334	ug/L	99
17) Methyl tert-butyl Ether	3.363	73	195250	4.799	ug/L	98
18) trans-1,2-Dichloroethene	3.356	96	197133	10.118	ug/L	97
19) 1,1-Dichloroethane	3.867	63	9169517	261.135	ug/L	99
21) 2-Butanone	4.713	43	276366	57.482	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	15338615	750.158	ug/L	97
23) Bromochloromethane	4.973	128	47561	4.862	ug/L	94
25) Chloroform	5.086	83	177960	5.002	ug/L	97

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27) 1,2-Dichloroethane	5.790	62	142879	6.556	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	3519630	126.345	ug/L	99
30) Cyclohexane	5.388	56	138252	5.111	ug/L	99
31) Carbon tetrachloride	5.523	117	110847	4.683	ug/L	99
33) Benzene	5.771	78	467001	5.715	ug/L	100
34) Trichloroethene	6.539	95	123311	6.050	ug/L	99
35) Methylcyclohexane	6.761	83	151085	5.153	ug/L	98
37) 1,2-Dichloropropane	6.787	63	106856	5.051	ug/L	100
38) Bromodichloromethane	7.102	83	126525	4.905	ug/L	97
39) cis-1,3-Dichloropropene	7.604	75	122421	4.507	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	622367	56.315	ug/L	100
42) Toluene	7.967	91	1203965	14.324	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	112492	4.836	ug/L	98
45) 1,1,2-Trichloroethane	8.394	97	94744	5.959	ug/L	99
47) Tetrachloroethene	8.549	164	82557	5.285	ug/L	98
48) 2-Hexanone	8.681	43	470672	58.093	ug/L	98
49) Dibromochloromethane	8.806	129	91129	5.118	ug/L	97
50) 1,2-Dibromoethane	8.919	107	76995	5.317	ug/L	100
51) Chlorobenzene	9.443	112	255788	4.773	ug/L	99
52) Ethylbenzene	9.568	91	568965	6.963	ug/L	98
53) m,p-Xylene	9.690	106	179156	5.662	ug/L	96
54) o-Xylene	10.095	106	194474	6.412	ug/L	98
55) Styrene	10.111	104	272789	5.325	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	107373	5.407	ug/L	98
59) Bromoform	10.285	173	52619	4.686	ug/L	95
60) Isopropylbenzene	10.481	105	514415	6.007	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	74385	4.768	ug/L	98
62) 1,3,5-Trimethylbenzene	11.082	105	391091	5.713	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	602273	8.864	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	202504	4.631	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	202785	4.650	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	236631	5.620	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.989	75	16510	4.835	ug/L	96
69) 1,3,5-Trichlorobenzene	13.214	180	142368	4.592	ug/L	100
70) 1,2,4-trichlorobenzene	13.835	180	118775	5.031	ug/L	98
71) Naphthalene	14.082	128	346651	7.820	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	112632	4.849	ug/L	98

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

