

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052324\
 Data File : VU058938.D
 Acq On : 22 May 2024 12:31
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005108

Quant Time: May 23 06:09:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 18 00:11:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	146990	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	148841	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	77533	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	37749	4.240	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.800%
7) Chloroethane-d5	1.911	69	38006	4.722	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.400%
11) 1,1-Dichloroethene-d2	2.563	65	15726	4.334	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	4.628	46	128664	55.581	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.160%
24) Chloroform-d	5.055	84	93019	5.173	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
26) 1,2-Dichloroethane-d4	5.698	65	45814	4.958	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.724	84	168244	4.924	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.685	67	57329	5.036	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.894	98	143952	4.629	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	8.177	79	19377	4.960	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.200%
46) 2-Hexanone-d5	8.628	63	98817	52.708	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.420%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	49597	5.045	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	54481	4.672	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	54804	5.096	ug/L	100
3) Chloromethane	1.518	50	65936	5.266	ug/L	100
5) Vinyl chloride	1.602	62	70578	5.261	ug/L	100
6) Bromomethane	1.856	94	40896	4.893	ug/L	96
8) Chloroethane	1.933	64	44961	5.274	ug/L	97
9) Trichlorofluoromethane	2.136	101	87094	5.062	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.580	101	54567	5.233	ug/L	99
12) 1,1-Dichloroethene	2.580	96	47834	5.224	ug/L	88
13) Acetone	2.641	43	91596	57.248	ug/L	98
14) Carbon disulfide	2.792	76	142494	4.911	ug/L	100
15) Methyl Acetate	2.956	43	20360	5.120	ug/L	98
16) Methylene chloride	3.039	84	62835	5.058	ug/L	97
17) Methyl tert-butyl Ether	3.358	73	118686	4.986	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	49831	5.168	ug/L	98
19) 1,1-Dichloroethane	3.862	63	109601	5.438	ug/L	96
21) 2-Butanone	4.708	43	135589	52.836	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	58965	5.312	ug/L	94
23) Bromochloromethane	4.969	128	26013	5.306	ug/L	94
25) Chloroform	5.081	83	113734	5.400	ug/L	100

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 ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	68884	5.353	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	88344	5.308	ug/L	99
30) Cyclohexane	5.383	56	78467	4.987	ug/L	97
31) Carbon tetrachloride	5.518	117	73730	5.311	ug/L	96
33) Benzene	5.769	78	236112	5.397	ug/L	100
34) Trichloroethene	6.538	95	60164	5.199	ug/L	96
35) Methylcyclohexane	6.759	83	82074	4.971	ug/L	100
37) 1,2-Dichloropropane	6.785	63	66531	5.357	ug/L	98
38) Bromodichloromethane	7.100	83	78700	5.287	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	85939	5.078	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	340445	53.039	ug/L	98
42) Toluene	7.965	91	247627	5.427	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	71781	5.198	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	45376	5.194	ug/L	98
47) Tetrachloroethene	8.547	164	42485	5.153	ug/L	95
48) 2-Hexanone	8.679	43	253438	54.790	ug/L	100
49) Dibromochloromethane	8.804	129	47955	5.205	ug/L	100
50) 1,2-Dibromoethane	8.920	107	40265	5.216	ug/L	99
51) Chlorobenzene	9.441	112	149661	5.147	ug/L	99
52) Ethylbenzene	9.566	91	255617	5.189	ug/L	99
53) m,p-Xylene	9.689	106	95339	5.288	ug/L	98
54) o-Xylene	10.097	106	92336	5.236	ug/L	99
55) Styrene	10.110	104	161402	5.441	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.779	83	57538	5.195	ug/L	99
59) Bromoform	10.283	173	27636	4.878	ug/L	99
60) Isopropylbenzene	10.480	105	247462	4.985	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	39798	4.985	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	192634	4.869	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	196469	5.008	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	123530	5.115	ug/L	96
65) 1,4-Dichlorobenzene	11.833	146	123493	5.123	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	112041	4.964	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	8330	5.187	ug/L	95
69) 1,3,5-Trichlorobenzene	13.216	180	89223	4.927	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	71401	4.778	ug/L	99
71) Naphthalene	14.084	128	102310	4.543	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	64044	4.884	ug/L	99

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

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