

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012424\
 Data File : VU057654.D
 Acq On : 25 Jan 2024 05:49
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005131

Quant Time: Jan 25 06:02:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 25 04:41:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	55169	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	50291	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	25000	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	14917	4.907	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.200%
7) Chloroethane-d5	1.914	69	12321	4.838	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.561	65	7142	4.997	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.000%
20) 2-Butanone-d5	4.644	46	35597	62.078	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.160%
24) Chloroform-d	5.056	84	33439	5.420	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.400%
26) 1,2-Dichloroethane-d4	5.695	65	15624	5.573	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.400%
32) Benzene-d6	5.721	84	63106	5.349	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.000%
36) 1,2-Dichloropropane-d6	6.686	67	19154	5.383	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.600%
41) Toluene-d8	7.891	98	58804	5.251	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
43) trans-1,3-Dichloroprop...	8.178	79	7204	5.080	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.600%
46) 2-Hexanone-d5	8.631	63	26470	58.503	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.000%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	13914	5.834	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	19509	5.561	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.384	85	24668	5.277	ug/L	98
3) Chloromethane	1.519	50	24644	5.269	ug/L	96
5) Vinyl chloride	1.602	62	26809	5.385	ug/L	98
6) Bromomethane	1.856	94	14021	5.402	ug/L	97
8) Chloroethane	1.934	64	16100	5.400	ug/L	93
9) Trichlorofluoromethane	2.136	101	41338	5.574	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.577	101	22501	5.220	ug/L	99
12) 1,1-Dichloroethene	2.577	96	21264	5.303	ug/L	98
13) Acetone	2.673	43	28992	53.207	ug/L	100
14) Carbon disulfide	2.789	76	67451	5.189	ug/L	99
15) Methyl Acetate	2.962	43	8001	5.707	ug/L	93
16) Methylene chloride	3.040	84	23125	5.373	ug/L	98
17) Methyl tert-butyl Ether	3.358	73	52868	5.545	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	22566	5.344	ug/L	98
19) 1,1-Dichloroethane	3.860	63	42808	5.489	ug/L	98
21) 2-Butanone	4.724	43	48164	56.352	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	24756	5.453	ug/L	98
23) Bromochloromethane	4.969	128	10200	5.592	ug/L	95
25) Chloroform	5.078	83	45159	5.458	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.789	62	27436	5.692	ug/L	99
29) 1,1,1-Trichloroethane	5.310	97	39871	5.401	ug/L	99
30) Cyclohexane	5.380	56	38556	5.413	ug/L	99
31) Carbon tetrachloride	5.519	117	35419	5.439	ug/L	99
33) Benzene	5.766	78	95741	5.550	ug/L	100
34) Trichloroethene	6.538	95	25693	5.403	ug/L	98
35) Methylcyclohexane	6.757	83	40689	5.297	ug/L	97
37) 1,2-Dichloropropane	6.785	63	24496	5.677	ug/L	98
38) Bromodichloromethane	7.101	83	31258	5.383	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	34348	5.121	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	116635	56.640	ug/L	100
42) Toluene	7.962	91	103324	5.555	ug/L	100
44) trans-1,3-Dichloropropene	8.207	75	28283	5.189	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	15970	5.690	ug/L	98
47) Tetrachloroethene	8.547	164	18585	5.318	ug/L	98
48) 2-Hexanone	8.679	43	81462	56.377	ug/L	97
49) Dibromochloromethane	8.801	129	19563	5.382	ug/L	100
50) 1,2-Dibromoethane	8.917	107	15002	5.507	ug/L	95
51) Chlorobenzene	9.441	112	63518	5.445	ug/L	99
52) Ethylbenzene	9.563	91	114029	5.441	ug/L	100
53) m,p-Xylene	9.689	106	41669	5.388	ug/L	98
54) o-Xylene	10.094	106	40776	5.409	ug/L	98
55) Styrene	10.110	104	62996	5.462	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.776	83	19098	5.608	ug/L	99
59) Bromoform	10.287	173	10434	5.138	ug/L	98
60) Isopropylbenzene	10.477	105	99661	5.088	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	13761	5.484	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	89521	5.128	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	90366	5.173	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	45404	5.078	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	43469	5.079	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	41699	5.227	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.991	75	2703	5.722	ug/L	95
69) 1,3,5-Trichlorobenzene	13.213	180	32275	4.918	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	23585	4.906	ug/L	99
71) Naphthalene	14.081	128	34272	5.036	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	18666	4.988	ug/L	99

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

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