

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012924\
 Data File : VU057729.D
 Acq On : 29 Jan 2024 20:11
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005137

Quant Time: Jan 30 00:36:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 30 00:30:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	64507	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	58679	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	27554	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	19314	5.434	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 108.600%	
7) Chloroethane-d5	1.911	69	16430	5.517	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 110.400%	
11) 1,1-Dichloroethene-d2	2.560	65	9015	5.394	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 107.800%	
20) 2-Butanone-d5	4.625	46	37040	55.243	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 110.480%	
24) Chloroform-d	5.055	84	38638	5.356	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 107.200%	
26) 1,2-Dichloroethane-d4	5.695	65	18438	5.624	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 112.400%	
32) Benzene-d6	5.721	84	74997	5.449	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 109.000%	
36) 1,2-Dichloropropane-d6	6.686	67	22316	5.375	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 107.600%	
41) Toluene-d8	7.891	98	69785	5.341	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 106.800%	
43) trans-1,3-Dichloroprop...	8.174	79	8218	4.967	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 99.400%	
46) 2-Hexanone-d5	8.628	63	30176	57.161	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 114.320%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	15507	5.572	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 111.400%	
66) 1,2-Dichlorobenzene-d4	12.187	152	22271	5.759	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 115.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.384	85	21698	3.970	ug/L	100
3) Chloromethane	1.519	50	22350	4.087	ug/L	99
5) Vinyl chloride	1.602	62	24469	4.203	ug/L	99
6) Bromomethane	1.856	94	11957	3.940	ug/L	93
8) Chloroethane	1.930	64	16313	4.679	ug/L	93
9) Trichlorofluoromethane	2.133	101	38231	4.409	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	21096	4.185	ug/L	97
12) 1,1-Dichloroethene	2.576	96	18994	4.051	ug/L	97
13) Acetone	2.641	43	24310	38.156	ug/L	97
14) Carbon disulfide	2.789	76	60329	3.969	ug/L	98
15) Methyl Acetate	2.953	43	6551	3.996	ug/L	94
16) Methylene chloride	3.039	84	21141	4.201	ug/L	93
17) Methyl tert-butyl Ether	3.355	73	47656	4.275	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	20622	4.176	ug/L	99
19) 1,1-Dichloroethane	3.863	63	39032	4.281	ug/L	98
21) 2-Butanone	4.705	43	39458	39.483	ug/L	95
22) cis-1,2-Dichloroethene	4.657	96	42902	8.082	ug/L	99
23) Bromochloromethane	4.969	128	8901	4.174	ug/L	89
25) Chloroform	5.081	83	40803	4.217	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.789	62	25171	4.466	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	36463	4.233	ug/L	99
30) Cyclohexane	5.380	56	34214	4.117	ug/L	99
31) Carbon tetrachloride	5.518	117	32103	4.225	ug/L	99
33) Benzene	5.766	78	87569	4.351	ug/L	100
34) Trichloroethene	6.538	95	23600	4.253	ug/L	97
35) Methylcyclohexane	6.756	83	37224	4.153	ug/L	98
37) 1,2-Dichloropropane	6.785	63	22292	4.427	ug/L	99
38) Bromodichloromethane	7.100	83	28801	4.251	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	32564	4.161	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	99415	41.377	ug/L	99
42) Toluene	7.962	91	94290	4.345	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	26595	4.182	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	13906	4.246	ug/L	99
47) Tetrachloroethene	8.547	164	16868	4.137	ug/L	98
48) 2-Hexanone	8.679	43	70152	41.610	ug/L	97
49) Dibromochloromethane	8.801	129	17861	4.211	ug/L	98
50) 1,2-Dibromoethane	8.917	107	13461	4.235	ug/L	96
51) Chlorobenzene	9.441	112	58004	4.261	ug/L	98
52) Ethylbenzene	9.563	91	104991	4.294	ug/L	100
53) m,p-Xylene	9.689	106	38173	4.231	ug/L	98
54) o-Xylene	10.094	106	37568	4.271	ug/L	97
55) Styrene	10.110	104	57526	4.275	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	16789	4.225	ug/L	96
59) Bromoform	10.287	173	9404	4.201	ug/L	98
60) Isopropylbenzene	10.480	105	92004	4.262	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	12077	4.367	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	81987	4.261	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	82514	4.285	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	42519	4.315	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	40356	4.278	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	38087	4.331	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	2529	4.858	ug/L	88
69) 1,3,5-Trichlorobenzene	13.213	180	30951	4.279	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	23928	4.516	ug/L	99
71) Naphthalene	14.081	128	34591	4.612	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	18973	4.600	ug/L	97

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

