

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062524\
 Data File : VU059482.D
 Acq On : 25 Jun 2024 19:28
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005120

Quant Time: Jun 26 04:32:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 26 04:26:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	151290	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	156567	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	83208	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	45554	4.330	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.600%
7) Chloroethane-d5	1.904	69	45391	4.484	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.557	65	19545	4.478	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.600%
20) 2-Butanone-d5	4.618	46	117635	54.286	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.580%
24) Chloroform-d	5.052	84	101268	4.690	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.692	65	49785	4.786	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	5.718	84	205873	4.778	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.682	67	62879	4.762	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.891	98	192007	4.793	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	8.174	79	20538	4.967	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.400%
46) 2-Hexanone-d5	8.624	63	92507	53.849	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.700%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	55415	5.080	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	69747	4.710	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	62965	4.912	ug/L	99
3) Chloromethane	1.515	50	70953	5.142	ug/L	99
5) Vinyl chloride	1.599	62	79303	5.203	ug/L	100
6) Bromomethane	1.850	94	52586	4.962	ug/L	96
8) Chloroethane	1.927	64	47633	5.187	ug/L	99
9) Trichlorofluoromethane	2.132	101	95634	5.212	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	58963	5.077	ug/L	95
12) 1,1-Dichloroethene	2.573	96	54960	5.122	ug/L	84
13) Acetone	2.628	43	80853	57.519	ug/L	94
14) Carbon disulfide	2.785	76	178575	4.988	ug/L	99
15) Methyl Acetate	2.946	43	21531	5.804	ug/L	93
16) Methylene chloride	3.036	84	66948	5.265	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	128242	5.546	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	57921	5.190	ug/L	90
19) 1,1-Dichloroethane	3.859	63	108804	5.287	ug/L	98
21) 2-Butanone	4.695	43	134515	59.661	ug/L	90
22) cis-1,2-Dichloroethene	4.656	96	65285	5.308	ug/L	96
23) Bromochloromethane	4.965	128	30825	5.497	ug/L	88
25) Chloroform	5.078	83	115435	5.326	ug/L	96

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 VSTD005120

Quant Time: Jun 26 04:32:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	70923	5.400	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	93126	5.151	ug/L	98
30) Cyclohexane	5.380	56	80279	5.029	ug/L	94
31) Carbon tetrachloride	5.515	117	78309	5.173	ug/L	98
33) Benzene	5.766	78	254734	5.358	ug/L	100
34) Trichloroethene	6.537	95	66091	5.133	ug/L	98
35) Methylcyclohexane	6.756	83	90540	4.942	ug/L	97
37) 1,2-Dichloropropane	6.782	63	65671	5.337	ug/L #	98
38) Bromodichloromethane	7.097	83	80687	5.254	ug/L	93
39) cis-1,3-Dichloropropene	7.602	75	87735	5.214	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	341804	59.951	ug/L	97
42) Toluene	7.962	91	275430	5.472	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	75025	5.555	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	51375	5.666	ug/L	95
47) Tetrachloroethene	8.547	164	52766	5.281	ug/L	96
48) 2-Hexanone	8.676	43	252483	62.051	ug/L #	94
49) Dibromochloromethane	8.801	129	55074	5.483	ug/L	98
50) 1,2-Dibromoethane	8.917	107	48004	5.733	ug/L	95
51) Chlorobenzene	9.441	112	166171	5.205	ug/L	97
52) Ethylbenzene	9.563	91	265253	5.137	ug/L	98
53) m,p-Xylene	9.688	106	104509	5.270	ug/L	100
54) o-Xylene	10.094	106	99100	5.265	ug/L	99
55) Styrene	10.110	104	175635	5.482	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	61962	5.633	ug/L	98
59) Bromoform	10.286	173	34812	5.467	ug/L	96
60) Isopropylbenzene	10.479	105	263316	5.123	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	43494	5.656	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	202625	4.976	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	198205	5.091	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	133236	5.096	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	134174	4.986	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	126467	5.141	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	8607	5.739	ug/L #	76
69) 1,3,5-Trichlorobenzene	13.216	180	93960	4.855	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	72287	4.869	ug/L	96
71) Naphthalene	14.084	128	108357	5.100	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	71209	5.166	ug/L	97

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

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