

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062524\
 Data File : VU059508.D
 Acq On : 26 Jun 2024 06:31
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005121

Quant Time: Jun 26 07:15:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 26 05:55:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	150828	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	153917	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	83280	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	42716	4.073	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.907	69	44195	4.380	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.560	65	18858	4.334	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	4.618	46	103511	47.914	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.820%
24) Chloroform-d	5.055	84	101226	4.702	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.695	65	47094	4.542	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.721	84	200679	4.737	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	6.685	67	59310	4.569	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.891	98	186443	4.734	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	8.174	79	18422	4.532	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.627	63	90449	53.557	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.120%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	51427	4.795	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	67823	4.576	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	63099	4.937	ug/L	98
3) Chloromethane	1.518	50	67620	4.916	ug/L	100
5) Vinyl chloride	1.602	62	77459	5.098	ug/L	99
6) Bromomethane	1.853	94	51647	4.888	ug/L	99
8) Chloroethane	1.930	64	48185	5.263	ug/L	100
9) Trichlorofluoromethane	2.132	101	96062	5.252	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	58327	5.037	ug/L	92
12) 1,1-Dichloroethene	2.573	96	55089	5.150	ug/L	87
13) Acetone	2.631	43	68990	49.230	ug/L	91
14) Carbon disulfide	2.785	76	176224	4.938	ug/L	100
15) Methyl Acetate	2.949	43	19118	5.170	ug/L	# 88
16) Methylene chloride	3.036	84	66624	5.256	ug/L	90
17) Methyl tert-butyl Ether	3.354	73	121454	5.269	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	57679	5.185	ug/L	89
19) 1,1-Dichloroethane	3.859	63	108953	5.311	ug/L	98
21) 2-Butanone	4.698	43	117815	52.415	ug/L	90
22) cis-1,2-Dichloroethene	4.657	96	64816	5.286	ug/L	92
23) Bromochloromethane	4.965	128	30074	5.380	ug/L	87
25) Chloroform	5.081	83	114630	5.305	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	68913	5.263	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	92185	5.186	ug/L	97
30) Cyclohexane	5.380	56	80938	5.158	ug/L	96
31) Carbon tetrachloride	5.515	117	78428	5.270	ug/L	100
33) Benzene	5.766	78	252959	5.412	ug/L	100
34) Trichloroethene	6.534	95	65645	5.186	ug/L	96
35) Methylcyclohexane	6.756	83	87373	4.851	ug/L	95
37) 1,2-Dichloropropane	6.782	63	64280	5.314	ug/L #	98
38) Bromodichloromethane	7.097	83	78714	5.213	ug/L #	93
39) cis-1,3-Dichloropropene	7.602	75	81715	4.940	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	305687	54.540	ug/L	96
42) Toluene	7.962	91	273659	5.530	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	66571	5.014	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	48733	5.467	ug/L	98
47) Tetrachloroethene	8.547	164	51934	5.287	ug/L	94
48) 2-Hexanone	8.676	43	217134	54.282	ug/L #	93
49) Dibromochloromethane	8.804	129	52460	5.313	ug/L	99
50) 1,2-Dibromoethane	8.917	107	44246	5.375	ug/L	96
51) Chlorobenzene	9.441	112	167132	5.325	ug/L	97
52) Ethylbenzene	9.563	91	272046	5.359	ug/L	97
53) m,p-Xylene	9.688	106	105567	5.415	ug/L	97
54) o-Xylene	10.094	106	100471	5.430	ug/L	97
55) Styrene	10.110	104	177078	5.622	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	59683	5.520	ug/L	99
59) Bromoform	10.283	173	32797	5.146	ug/L	97
60) Isopropylbenzene	10.476	105	264364	5.139	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	39893	5.184	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	200604	4.922	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	199440	5.118	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	132733	5.073	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	134388	4.990	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	126157	5.123	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	8823	5.878	ug/L	92
69) 1,3,5-Trichlorobenzene	13.212	180	95190	4.915	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	75935	5.111	ug/L	99
71) Naphthalene	14.081	128	110607	5.201	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	71986	5.218	ug/L	98

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

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