

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082824\
 Data File : VU060554.D
 Acq On : 28 Aug 2024 09:56
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005180

Quant Time: Aug 29 05:43:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 27 05:49:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	155955	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	149507	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	78217	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	35044	5.088	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	101.800%	
7) Chloroethane-d5	1.904	69	35398	3.392	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	67.800%	
11) 1,1-Dichloroethene-d2	2.560	65	15519	3.823	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.400%	
20) 2-Butanone-d5	4.618	46	109096	46.057	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	92.120%	
24) Chloroform-d	5.055	84	92860	4.728	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.600%	
26) 1,2-Dichloroethane-d4	5.695	65	45531	4.443	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.800%	
32) Benzene-d6	5.721	84	166868	5.104	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.000%	
36) 1,2-Dichloropropane-d6	6.682	67	56405	5.347	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	107.000%	
41) Toluene-d8	7.891	98	156139	5.091	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.800%	
43) trans-1,3-Dichloroprop...	8.174	79	18518	4.906	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	98.200%	
46) 2-Hexanone-d5	8.627	63	87283	48.297	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.600%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	48433	5.160	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.200%	
66) 1,2-Dichlorobenzene-d4	12.187	152	57688	5.002	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	87105	4.922	ug/L	97
3) Chloromethane	1.518	50	82996	5.412	ug/L	98
5) Vinyl chloride	1.599	62	87558	5.799	ug/L	97
6) Bromomethane	1.846	94	52863	3.479	ug/L	91
8) Chloroethane	1.927	64	47580	3.454	ug/L	98
9) Trichlorofluoromethane	2.132	101	117202	3.570	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	64468	4.642	ug/L	99
12) 1,1-Dichloroethene	2.573	96	58186	4.552	ug/L	87
13) Acetone	2.624	43	75749	38.217	ug/L	91
14) Carbon disulfide	2.785	76	195595	4.716	ug/L	99
15) Methyl Acetate	2.952	43	21102	5.207	ug/L	100
16) Methylene chloride	3.036	84	65711	5.293	ug/L	84
17) Methyl tert-butyl Ether	3.357	73	128689	4.961	ug/L	96
18) trans-1,2-Dichloroethene	3.344	96	60422	5.430	ug/L	97
19) 1,1-Dichloroethane	3.859	63	115245	5.111	ug/L	98
21) 2-Butanone	4.698	43	121047	44.658	ug/L	91
22) cis-1,2-Dichloroethene	4.660	96	65506	5.283	ug/L	92
23) Bromochloromethane	4.968	128	31194	5.536	ug/L	# 94
25) Chloroform	5.078	83	119917	5.025	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	69876	4.362	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	101512	4.957	ug/L	96
30) Cyclohexane	5.380	56	86692	5.114	ug/L	97
31) Carbon tetrachloride	5.515	117	93824	4.958	ug/L	99
33) Benzene	5.766	78	259395	5.470	ug/L	100
34) Trichloroethene	6.534	95	67511	5.252	ug/L	97
35) Methylcyclohexane	6.756	83	94060	5.334	ug/L	97
37) 1,2-Dichloropropane	6.782	63	69399	5.712	ug/L #	97
38) Bromodichloromethane	7.097	83	83691	5.242	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	92550	5.195	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	312049	49.313	ug/L	96
42) Toluene	7.965	91	276684	5.522	ug/L	97
44) trans-1,3-Dichloropropene	8.206	75	76648	5.241	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	48027	5.457	ug/L	96
47) Tetrachloroethene	8.547	164	55182	5.238	ug/L	97
48) 2-Hexanone	8.679	43	231361	48.854	ug/L	97
49) Dibromochloromethane	8.804	129	56199	5.515	ug/L	96
50) 1,2-Dibromoethane	8.917	107	46843	5.797	ug/L	98
51) Chlorobenzene	9.441	112	173925	5.362	ug/L	98
52) Ethylbenzene	9.566	91	275783	5.193	ug/L	100
53) m,p-Xylene	9.688	106	111896	5.668	ug/L	99
54) o-Xylene	10.093	106	102863	5.090	ug/L	94
55) Styrene	10.109	104	180480	5.450	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	59012	5.251	ug/L	98
59) Bromoform	10.283	173	34635	5.388	ug/L	97
60) Isopropylbenzene	10.479	105	273921	5.242	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	41135	5.452	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	205491	5.276	ug/L	94
63) 1,2,4-Trimethylbenzene	11.463	105	208646	5.252	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	139263	5.446	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	136050	5.243	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	125841	5.245	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	8236	4.836	ug/L	89
69) 1,3,5-Trichlorobenzene	13.212	180	98791	5.010	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	75501	4.746	ug/L	100
71) Naphthalene	14.084	128	105736	5.202	ug/L	97
72) 1,2,3-Trichlorobenzene	14.325	180	70779	5.316	ug/L	97

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

