

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U092024\
 Data File : VU060937.D
 Acq On : 20 Sep 2024 11:54
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005085

Quant Time: Sep 21 01:36:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 01:34:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	135103	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	137389	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	69248	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	38833	3.196	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.000%
7) Chloroethane-d5	1.911	69	34867	4.030	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.560	65	15710	3.648	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.000%
20) 2-Butanone-d5	4.644	46	115607	59.262	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.520%
24) Chloroform-d	5.055	84	86454	4.654	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.695	65	42790	4.819	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.721	84	156674	4.255	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.682	67	54120	4.750	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.891	98	142781	4.253	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	8.174	79	18141	4.423	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.627	63	98194	60.697	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.400%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	47520	5.324	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	51601	4.435	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	52378	5.136	ug/L	98
3) Chloromethane	1.518	50	56960	5.287	ug/L	98
5) Vinyl chloride	1.602	62	61833	5.303	ug/L	97
6) Bromomethane	1.856	94	24705	3.316	ug/L	88
8) Chloroethane	1.930	64	40098	5.629	ug/L	94
9) Trichlorofluoromethane	2.133	101	89280	5.575	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	46750	5.024	ug/L	99
12) 1,1-Dichloroethene	2.573	96	44760	5.267	ug/L	89
13) Acetone	2.663	43	70045	53.820	ug/L	94
14) Carbon disulfide	2.789	76	117458	4.982	ug/L	98
15) Methyl Acetate	2.962	43	17187	5.417	ug/L	95
16) Methylene chloride	3.039	84	51207	5.203	ug/L	96
17) Methyl tert-butyl Ether	3.358	73	109529	5.703	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	43648	4.957	ug/L	95
19) 1,1-Dichloroethane	3.862	63	96824	5.476	ug/L	98
21) 2-Butanone	4.718	43	125378	59.180	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	53188	5.457	ug/L	97
23) Bromochloromethane	4.972	128	25544	5.549	ug/L	97
25) Chloroform	5.078	83	101517	5.507	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	62028	5.806	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	82532	5.564	ug/L	99
30) Cyclohexane	5.383	56	65657	5.386	ug/L	95
31) Carbon tetrachloride	5.515	117	71958	5.480	ug/L	97
33) Benzene	5.766	78	211416	5.596	ug/L	100
34) Trichloroethene	6.538	95	53876	5.440	ug/L	96
35) Methylcyclohexane	6.756	83	65184	4.798	ug/L	99
37) 1,2-Dichloropropane	6.782	63	60503	5.812	ug/L #	98
38) Bromodichloromethane	7.097	83	71771	5.621	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	70330	5.080	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	306308	63.013	ug/L	98
42) Toluene	7.962	91	221539	5.609	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	60753	5.336	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	42356	5.636	ug/L	98
47) Tetrachloroethene	8.547	164	40311	5.122	ug/L	95
48) 2-Hexanone	8.679	43	229857	64.873	ug/L	97
49) Dibromochloromethane	8.801	129	47966	5.607	ug/L	100
50) 1,2-Dibromoethane	8.917	107	38845	5.792	ug/L	94
51) Chlorobenzene	9.441	112	141215	5.324	ug/L	99
52) Ethylbenzene	9.563	91	229219	5.512	ug/L	99
53) m,p-Xylene	9.685	106	87068	5.522	ug/L	98
54) o-Xylene	10.094	106	84031	5.401	ug/L	92
55) Styrene	10.110	104	147543	5.626	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	54512	5.816	ug/L	98
59) Bromoform	10.283	173	29075	5.571	ug/L	97
60) Isopropylbenzene	10.476	105	226741	5.525	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	36815	5.700	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	171843	5.388	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	168698	5.353	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	110108	5.336	ug/L	96
65) 1,4-Dichlorobenzene	11.830	146	107525	5.041	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	102461	5.252	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	7497	5.944	ug/L	93
69) 1,3,5-Trichlorobenzene	13.213	180	73496	4.761	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	56121	5.162	ug/L	98
71) Naphthalene	14.081	128	79245	5.526	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	50548	5.381	ug/L	99

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

