

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092024\
 Data File : VU060962.D
 Acq On : 20 Sep 2024 23:20
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005086

Quant Time: Sep 21 01:47:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 21 01:39:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	169755	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	174821	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	82559	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	41429	2.713	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	54.200%
7) Chloroethane-d5	1.907	69	37162	3.419	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.400%
11) 1,1-Dichloroethene-d2	2.557	65	16735	3.092	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.800%
20) 2-Butanone-d5	4.615	46	111089	45.322	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.640%
24) Chloroform-d	5.055	84	90242	3.866	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.400%
26) 1,2-Dichloroethane-d4	5.695	65	45732	4.099	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
32) Benzene-d6	5.718	84	166853	3.561	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.200%
36) 1,2-Dichloropropane-d6	6.682	67	56608	3.905	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.000%
41) Toluene-d8	7.891	98	152972	3.581	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.600%
43) trans-1,3-Dichloroprop...	8.177	79	18230	3.493	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.800%
46) 2-Hexanone-d5	8.624	63	94154	45.738	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.480%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	47132	4.150	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	53010	3.821	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	76.400%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	53818	4.200	ug/L	100
3) Chloromethane	1.518	50	55592	4.107	ug/L	97
5) Vinyl chloride	1.602	62	62367	4.257	ug/L	97
6) Bromomethane	1.849	94	29010	3.099	ug/L	97
8) Chloroethane	1.927	64	39877	4.455	ug/L	99
9) Trichlorofluoromethane	2.132	101	92278	4.586	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	50270	4.299	ug/L	97
12) 1,1-Dichloroethene	2.573	96	44709	4.187	ug/L	92
13) Acetone	2.624	43	71267	43.581	ug/L	94
14) Carbon disulfide	2.788	76	116166	3.922	ug/L	96
15) Methyl Acetate	2.949	43	20307	5.093	ug/L	98
16) Methylene chloride	3.039	84	57949	4.686	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	109009	4.517	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	45595	4.121	ug/L	99
19) 1,1-Dichloroethane	3.859	63	99613	4.484	ug/L	97
21) 2-Butanone	4.695	43	121384	45.599	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	54351	4.438	ug/L	95
23) Bromochloromethane	4.965	128	24987	4.320	ug/L	99
25) Chloroform	5.078	83	106436	4.595	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	61595	4.589	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	85649	4.538	ug/L	99
30) Cyclohexane	5.380	56	64639	4.167	ug/L	97
31) Carbon tetrachloride	5.515	117	75777	4.535	ug/L	98
33) Benzene	5.766	78	212953	4.430	ug/L	100
34) Trichloroethene	6.534	95	56820	4.509	ug/L	94
35) Methylcyclohexane	6.756	83	66611	3.853	ug/L	99
37) 1,2-Dichloropropane	6.782	63	62401	4.711	ug/L #	97
38) Bromodichloromethane	7.097	83	73528	4.525	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	66520	3.776	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	297678	48.126	ug/L	100
42) Toluene	7.962	91	231349	4.603	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	59017	4.074	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	43580	4.557	ug/L	96
47) Tetrachloroethene	8.547	164	40012	3.996	ug/L	98
48) 2-Hexanone	8.676	43	221845	49.205	ug/L	97
49) Dibromochloromethane	8.801	129	48781	4.481	ug/L	99
50) 1,2-Dibromoethane	8.917	107	38623	4.526	ug/L #	97
51) Chlorobenzene	9.441	112	143250	4.244	ug/L	98
52) Ethylbenzene	9.563	91	225998	4.271	ug/L	98
53) m,p-Xylene	9.688	106	88087	4.391	ug/L	89
54) o-Xylene	10.094	106	84921	4.289	ug/L	97
55) Styrene	10.106	104	147752	4.428	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	53815	4.512	ug/L #	97
59) Bromoform	10.283	173	29238	4.699	ug/L	98
60) Isopropylbenzene	10.476	105	225395	4.607	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	37764	4.904	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	165449	4.351	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	168054	4.473	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	108347	4.404	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	108134	4.252	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	102581	4.410	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	7113	4.731	ug/L	85
69) 1,3,5-Trichlorobenzene	13.212	180	71051	3.861	ug/L	96
70) 1,2,4-trichlorobenzene	13.833	180	53899	4.158	ug/L	99
71) Naphthalene	14.081	128	81157	4.747	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	51512	4.600	ug/L	99

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

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