

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111824\
 Data File : VU061824.D
 Acq On : 18 Nov 2024 19:47
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005147

Quant Time: Nov 19 03:35:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 00:15:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	177174	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	170287	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	84461	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	55811	4.875	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.600%
7) Chloroethane-d5	1.904	69	48651	4.978	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.560	65	24234	4.718	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.400%
20) 2-Butanone-d5	4.611	46	118719	48.861	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.720%
24) Chloroform-d	5.052	84	118822	5.222	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
26) 1,2-Dichloroethane-d4	5.692	65	56496	5.174	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.717	84	237713	5.046	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	6.679	67	70234	5.055	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.888	98	221133	5.036	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
43) trans-1,3-Dichloroprop...	8.174	79	24924	4.870	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.621	63	93875	46.418	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.840%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	58356	5.328	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.600%
66) 1,2-Dichlorobenzene-d4	12.183	152	74184	4.931	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	63311	4.808	ug/L	99
3) Chloromethane	1.518	50	58984	4.937	ug/L	98
5) Vinyl chloride	1.602	62	67975	5.156	ug/L	86
6) Bromomethane	1.846	94	38318	4.871	ug/L	99
8) Chloroethane	1.927	64	47555	5.200	ug/L	93
9) Trichlorofluoromethane	2.132	101	95766	4.941	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	58485	5.105	ug/L	99
12) 1,1-Dichloroethene	2.573	96	53960	5.045	ug/L	96
13) Acetone	2.618	43	76614	50.048	ug/L	99
14) Carbon disulfide	2.785	76	156663	4.560	ug/L	100
15) Methyl Acetate	2.946	43	19997	5.228	ug/L	96
16) Methylene chloride	3.036	84	65473	5.312	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	134250	5.121	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	58673	5.001	ug/L	98
19) 1,1-Dichloroethane	3.856	63	110459	5.164	ug/L	97
21) 2-Butanone	4.692	43	128542	51.415	ug/L	95
22) cis-1,2-Dichloroethene	4.656	96	69794	5.275	ug/L	98
23) Bromochloromethane	4.965	128	31500	5.360	ug/L	98
25) Chloroform	5.074	83	120300	5.336	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	75562	5.341	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	100705	5.197	ug/L	99
30) Cyclohexane	5.377	56	93685	4.840	ug/L	97
31) Carbon tetrachloride	5.515	117	83506	5.060	ug/L	99
33) Benzene	5.762	78	271263	5.263	ug/L	100
34) Trichloroethene	6.534	95	70929	5.097	ug/L	92
35) Methylcyclohexane	6.753	83	104908	4.999	ug/L	99
37) 1,2-Dichloropropane	6.782	63	67572	5.168	ug/L	98
38) Bromodichloromethane	7.097	83	80907	5.157	ug/L	97
39) cis-1,3-Dichloropropene	7.598	75	94660	5.087	ug/L	98
40) 4-Methyl-2-pentanone	7.778	43	323141	51.545	ug/L	99
42) Toluene	7.958	91	292447	5.270	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	75887	5.141	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	50758	5.325	ug/L	97
47) Tetrachloroethene	8.544	164	53083	5.076	ug/L	98
48) 2-Hexanone	8.672	43	233027	51.986	ug/L	99
49) Dibromochloromethane	8.801	129	52898	5.293	ug/L	98
50) 1,2-Dibromoethane	8.913	107	48375	5.381	ug/L	96
51) Chlorobenzene	9.438	112	185794	5.202	ug/L	99
52) Ethylbenzene	9.563	91	311473	5.269	ug/L	99
53) m,p-Xylene	9.685	106	118943	5.259	ug/L	99
54) o-Xylene	10.090	106	117548	5.347	ug/L	96
55) Styrene	10.106	104	187358	5.353	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	62075	5.352	ug/L	96
59) Bromoform	10.283	173	27506	4.920	ug/L	97
60) Isopropylbenzene	10.476	105	308320	5.264	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	41198	5.178	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	240307	5.124	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	237921	5.212	ug/L	99
64) 1,3-Dichlorobenzene	11.736	146	138220	5.145	ug/L	99
65) 1,4-Dichlorobenzene	11.826	146	138194	5.066	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	128670	5.151	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	7327	5.274	ug/L #	87
69) 1,3,5-Trichlorobenzene	13.212	180	92619	4.938	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	72103	4.960	ug/L	99
71) Naphthalene	14.080	128	104743	5.019	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	62096	5.089	ug/L	100

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

