

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111124\
 Data File : VU061580.D
 Acq On : 11 Nov 2024 12:42
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005132

Quant Time: Nov 12 03:40:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 09 01:40:03 2024
 Response via : Initial Calibration

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

Internal Standards					
1) 1,4-Difluorobenzene	6.242	114	189459	5.000 ug/L	0.00
28) Chlorobenzene-d5	9.412	117	181137	5.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	89622	5.000 ug/L	0.00

System Monitoring Compounds					
4) Vinyl Chloride-d3	1.596	65	75528	5.869 ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 117.400%
7) Chloroethane-d5	1.911	69	70619	5.985 ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 119.800%
11) 1,1-Dichloroethene-d2	2.560	65	32225	5.852 ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 117.000%
20) 2-Butanone-d5	4.624	46	162430	62.163 ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 124.320%
24) Chloroform-d	5.052	84	143988	5.894 ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 117.800%
26) 1,2-Dichloroethane-d4	5.692	65	71538	5.875 ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 117.600%
32) Benzene-d6	5.718	84	297910	5.837 ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 116.800%
36) 1,2-Dichloropropane-d6	6.682	67	89420	5.827 ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 116.600%
41) Toluene-d8	7.891	98	279783	5.863 ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 117.200%
43) trans-1,3-Dichloroprop...	8.174	79	35215	5.622 ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 112.400%
46) 2-Hexanone-d5	8.627	63	139678	54.446 ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 108.900%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	71916	6.198 ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 124.000%#
66) 1,2-Dichlorobenzene-d4	12.184	152	94237	5.938 ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 118.800%

Target Compounds				Qvalue	
2) Dichlorodifluoromethane	1.383	85	52863	4.185 ug/L	99
3) Chloromethane	1.518	50	49512	3.717 ug/L	100
5) Vinyl chloride	1.602	62	57966	3.958 ug/L	98
6) Bromomethane	1.853	94	39022	4.021 ug/L	99
8) Chloroethane	1.930	64	46604	4.322 ug/L	97
9) Trichlorofluoromethane	2.132	101	87624	4.405 ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	57411	4.861 ug/L	98
12) 1,1-Dichloroethene	2.573	96	49243	4.396 ug/L	90
13) Acetone	2.640	43	81676	49.351 ug/L	99
14) Carbon disulfide	2.788	76	132705	3.551 ug/L	99
15) Methyl Acetate	2.952	43	19569	4.775 ug/L	100
16) Methylene chloride	3.039	84	58607	4.440 ug/L	99
17) Methyl tert-butyl Ether	3.354	73	133465	4.396 ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	55152	4.453 ug/L	90
19) 1,1-Dichloroethane	3.859	63	103260	4.420 ug/L	99
21) 2-Butanone	4.705	43	132016	50.317 ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	65208	4.609 ug/L	96
23) Bromochloromethane	4.968	128	29573	4.968 ug/L	96
25) Chloroform	5.078	83	115930	4.720 ug/L	98

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 ALS Vial : 2 Sample Multiplier: 1

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 VSTD005132

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	69239	4.461	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	92663	4.178	ug/L	98
30) Cyclohexane	5.380	56	86112	3.871	ug/L	98
31) Carbon tetrachloride	5.515	117	79223	4.174	ug/L	100
33) Benzene	5.766	78	245412	4.381	ug/L	100
34) Trichloroethene	6.534	95	65717	4.313	ug/L	99
35) Methylcyclohexane	6.753	83	97535	4.021	ug/L	99
37) 1,2-Dichloropropane	6.782	63	65348	4.602	ug/L	99
38) Bromodichloromethane	7.097	83	77933	4.337	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	94185	4.295	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	327675	46.367	ug/L	100
42) Toluene	7.962	91	266029	4.373	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	75844	4.244	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	48367	4.733	ug/L	95
47) Tetrachloroethene	8.547	164	48963	4.600	ug/L	99
48) 2-Hexanone	8.676	43	246952	49.416	ug/L	99
49) Dibromochloromethane	8.801	129	50628	4.368	ug/L	95
50) 1,2-Dibromoethane	8.917	107	45156	4.549	ug/L	95
51) Chlorobenzene	9.441	112	172092	4.475	ug/L	98
52) Ethylbenzene	9.563	91	289784	4.331	ug/L	99
53) m,p-Xylene	9.688	106	110017	4.316	ug/L	95
54) o-Xylene	10.094	106	107911	4.289	ug/L	99
55) Styrene	10.106	104	178287	4.420	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	59739	4.852	ug/L	98
59) Bromoform	10.283	173	27157	4.094	ug/L	99
60) Isopropylbenzene	10.476	105	288741	4.217	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	40678	4.556	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	227355	4.079	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	227554	4.130	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	132152	4.586	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	130833	4.454	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	125338	4.622	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	7509	4.006	ug/L	98
69) 1,3,5-Trichlorobenzene	13.212	180	94685	4.794	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	75725	4.751	ug/L	99
71) Naphthalene	14.081	128	121369	4.825	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	67935	5.094	ug/L	97

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

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