

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031124\
 Data File : VU058030.D
 Acq On : 11 Mar 2024 09:30
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005147

Quant Time: Mar 12 03:03:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 09 00:10:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	165425	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	154934	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	74725	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	40937	3.439	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.800%
7) Chloroethane-d5	1.908	69	37427	3.826	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.600%
11) 1,1-Dichloroethene-d2	2.560	65	19638	3.813	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.200%
20) 2-Butanone-d5	4.608	46	90385	46.090	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.180%
24) Chloroform-d	5.055	84	95513	4.243	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.692	65	41995	4.117	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
32) Benzene-d6	5.721	84	181142	4.012	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	6.682	67	56958	4.150	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.000%
41) Toluene-d8	7.891	98	161574	3.950	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.000%
43) trans-1,3-Dichloroprop...	8.177	79	19608	4.154	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.624	63	77975	49.203	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.400%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	37078	4.405	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	50195	4.079	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	50779	5.066	ug/L	99
3) Chloromethane	1.515	50	58669	5.006	ug/L	99
5) Vinyl chloride	1.599	62	64251	5.097	ug/L	99
6) Bromomethane	1.850	94	32463	4.889	ug/L	97
8) Chloroethane	1.927	64	41885	5.276	ug/L	96
9) Trichlorofluoromethane	2.133	101	93955	5.232	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	60320	5.372	ug/L	98
12) 1,1-Dichloroethene	2.573	96	52488	5.259	ug/L	86
13) Acetone	2.612	43	78452	53.756	ug/L	97
14) Carbon disulfide	2.785	76	154555	5.008	ug/L	99
15) Methyl Acetate	2.940	43	17831	5.506	ug/L	93
16) Methylene chloride	3.036	84	59203	4.880	ug/L	99
17) Methyl tert-butyl Ether	3.351	73	124558	5.277	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	56174	5.167	ug/L	97
19) 1,1-Dichloroethane	3.859	63	118732	5.475	ug/L	99
21) 2-Butanone	4.689	43	120360	52.339	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	61832	5.170	ug/L	99
23) Bromochloromethane	4.968	128	24725	5.567	ug/L	96
25) Chloroform	5.078	83	116023	5.240	ug/L	100

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 ALS Vial : 2 Sample Multiplier: 1

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 MSVOA_U
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 VSTD005147

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	65562	5.349	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	98241	5.327	ug/L	99
30) Cyclohexane	5.380	56	94218	5.060	ug/L	100
31) Carbon tetrachloride	5.515	117	85764	5.352	ug/L	99
33) Benzene	5.766	78	251067	5.281	ug/L	100
34) Trichloroethene	6.534	95	64803	5.180	ug/L	97
35) Methylcyclohexane	6.756	83	96829	5.050	ug/L	98
37) 1,2-Dichloropropane	6.782	63	66903	5.457	ug/L	98
38) Bromodichloromethane	7.100	83	81285	5.465	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	90893	5.381	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	308618	54.723	ug/L	100
42) Toluene	7.962	91	263693	5.326	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	72327	5.373	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	39113	5.381	ug/L	99
47) Tetrachloroethene	8.547	164	45135	5.201	ug/L	98
48) 2-Hexanone	8.676	43	219986	53.190	ug/L	99
49) Dibromochloromethane	8.804	129	47747	5.549	ug/L	100
50) 1,2-Dibromoethane	8.917	107	35239	5.462	ug/L	94
51) Chlorobenzene	9.441	112	160621	5.173	ug/L	98
52) Ethylbenzene	9.563	91	293068	5.289	ug/L	100
53) m,p-Xylene	9.689	106	104017	5.255	ug/L	98
54) o-Xylene	10.094	106	102344	5.187	ug/L	99
55) Styrene	10.110	104	167379	5.405	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	47418	5.537	ug/L	97
59) Bromoform	10.287	173	23615	5.666	ug/L	100
60) Isopropylbenzene	10.480	105	270539	5.436	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	34050	5.563	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	226453	5.395	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	226546	5.469	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	121091	5.353	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	116971	5.283	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	105360	5.335	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	6631	5.460	ug/L	96
69) 1,3,5-Trichlorobenzene	13.216	180	85977	5.284	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	62198	5.087	ug/L	97
71) Naphthalene	14.084	128	74174	4.442	ug/L	97
72) 1,2,3-Trichlorobenzene	14.325	180	48009	4.971	ug/L	96

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

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