

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031424\
 Data File : VU058117.D
 Acq On : 14 Mar 2024 21:17
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005154

Quant Time: Mar 15 01:22:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 14 04:37:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	134659	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	129336	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	64645	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	55308	5.709	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.200%
7) Chloroethane-d5	1.904	69	46593	5.851	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.000%
11) 1,1-Dichloroethene-d2	2.557	65	24271	5.789	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	115.800%
20) 2-Butanone-d5	4.608	46	95026	59.527	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.060%
24) Chloroform-d	5.052	84	103383	5.642	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.800%
26) 1,2-Dichloroethane-d4	5.692	65	48457	5.836	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.800%
32) Benzene-d6	5.718	84	207530	5.506	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.200%
36) 1,2-Dichloropropane-d6	6.682	67	63163	5.512	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.200%
41) Toluene-d8	7.891	98	187392	5.487	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.800%
43) trans-1,3-Dichloroprop...	8.174	79	19639	4.984	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.600%
46) 2-Hexanone-d5	8.624	63	82510	62.370	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.740%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	40303	5.736	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	60249	5.659	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	36305	4.450	ug/L	96
3) Chloromethane	1.515	50	44777	4.693	ug/L	98
5) Vinyl chloride	1.599	62	48587	4.735	ug/L	98
6) Bromomethane	1.850	94	26259	4.858	ug/L	98
8) Chloroethane	1.927	64	32773	5.072	ug/L	99
9) Trichlorofluoromethane	2.133	101	73541	5.031	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	47183	5.162	ug/L	98
12) 1,1-Dichloroethene	2.573	96	41657	5.127	ug/L	94
13) Acetone	2.612	43	59176	49.812	ug/L	98
14) Carbon disulfide	2.785	76	111045	4.420	ug/L	97
15) Methyl Acetate	2.940	43	15003	5.691	ug/L	94
16) Methylene chloride	3.036	84	50244	5.088	ug/L	96
17) Methyl tert-butyl Ether	3.351	73	99738	5.191	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	44425	5.020	ug/L	99
19) 1,1-Dichloroethane	3.859	63	94421	5.348	ug/L	98
21) 2-Butanone	4.689	43	95037	50.770	ug/L	96
22) cis-1,2-Dichloroethene	4.657	96	50942	5.233	ug/L	93
23) Bromochloromethane	4.962	128	19983	5.528	ug/L	96
25) Chloroform	5.078	83	96478	5.353	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	53354	5.347	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	79014	5.133	ug/L	99
30) Cyclohexane	5.380	56	70269	4.521	ug/L	99
31) Carbon tetrachloride	5.515	117	67127	5.018	ug/L	98
33) Benzene	5.766	78	204436	5.151	ug/L	100
34) Trichloroethene	6.534	95	53019	5.077	ug/L	98
35) Methylcyclohexane	6.756	83	73800	4.610	ug/L	98
37) 1,2-Dichloropropane	6.782	63	55462	5.420	ug/L	100
38) Bromodichloromethane	7.097	83	66179	5.330	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	68596	4.865	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	252401	53.612	ug/L	99
42) Toluene	7.962	91	214483	5.189	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	54039	4.809	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	33216	5.474	ug/L	97
47) Tetrachloroethene	8.547	164	35777	4.938	ug/L	98
48) 2-Hexanone	8.676	43	175382	50.798	ug/L	96
49) Dibromochloromethane	8.801	129	38261	5.327	ug/L	97
50) 1,2-Dibromoethane	8.917	107	29511	5.480	ug/L #	95
51) Chlorobenzene	9.441	112	134547	5.191	ug/L	98
52) Ethylbenzene	9.563	91	235487	5.091	ug/L	99
53) m,p-Xylene	9.688	106	84080	5.088	ug/L	100
54) o-Xylene	10.094	106	84176	5.111	ug/L	99
55) Styrene	10.110	104	138069	5.341	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	39451	5.519	ug/L	99
59) Bromoform	10.283	173	18741	5.198	ug/L	99
60) Isopropylbenzene	10.476	105	215035	4.995	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	28808	5.440	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	179499	4.943	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	178502	4.981	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	100777	5.150	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	95412	4.981	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	89141	5.218	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	5399	5.139	ug/L	99
69) 1,3,5-Trichlorobenzene	13.216	180	68316	4.853	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	49565	4.686	ug/L	98
71) Naphthalene	14.084	128	61541	4.260	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	39351	4.710	ug/L	100

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

