

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042324\
 Data File : VU058775.D
 Acq On : 23 Apr 2024 09:31
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005090

Quant Time: Apr 24 00:32:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 22 23:57:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	104871	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	97772	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	46493	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	42089	5.102	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.000%
7) Chloroethane-d5	1.904	69	31539	5.074	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.400%
11) 1,1-Dichloroethene-d2	2.557	65	20859	5.022	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.400%
20) 2-Butanone-d5	4.624	46	76790	52.984	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.960%
24) Chloroform-d	5.052	84	86741	5.144	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	5.692	65	42175	5.160	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	5.718	84	163819	5.264	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
36) 1,2-Dichloropropane-d6	6.682	67	50024	5.389	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.800%
41) Toluene-d8	7.891	98	147586	5.298	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
43) trans-1,3-Dichloroprop...	8.174	79	17852	5.282	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.600%
46) 2-Hexanone-d5	8.627	63	53364	53.288	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.580%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	30846	5.456	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	44544	5.497	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	57777	5.031	ug/L	100
3) Chloromethane	1.512	50	47328	5.264	ug/L	100
5) Vinyl chloride	1.596	62	47414	5.198	ug/L	98
6) Bromomethane	1.853	94	28491	5.278	ug/L	96
8) Chloroethane	1.927	64	27134	5.281	ug/L	99
9) Trichlorofluoromethane	2.133	101	72518	5.079	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	44815	5.266	ug/L	98
12) 1,1-Dichloroethene	2.573	96	38897	5.093	ug/L	97
13) Acetone	2.644	43	52035	51.948	ug/L	100
14) Carbon disulfide	2.785	76	131394	5.058	ug/L	100
15) Methyl Acetate	2.949	43	13560	5.646	ug/L	95
16) Methylene chloride	3.036	84	42041	5.115	ug/L	98
17) Methyl tert-butyl Ether	3.348	73	87870	5.082	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	40872	5.343	ug/L	98
19) 1,1-Dichloroethane	3.856	63	84120	5.193	ug/L	98
21) 2-Butanone	4.705	43	77119	48.960	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	44222	5.262	ug/L	99
23) Bromochloromethane	4.965	128	17333	5.268	ug/L	96
25) Chloroform	5.078	83	86585	5.142	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	51723	5.135	ug/L	98
29) 1,1,1-Trichloroethane	5.303	97	76034	5.211	ug/L	98
30) Cyclohexane	5.380	56	72726	5.280	ug/L	99
31) Carbon tetrachloride	5.515	117	67579	5.239	ug/L	98
33) Benzene	5.766	78	179518	5.307	ug/L	100
34) Trichloroethene	6.534	95	47159	5.123	ug/L	97
35) Methylcyclohexane	6.756	83	73977	5.289	ug/L	99
37) 1,2-Dichloropropane	6.782	63	45892	5.194	ug/L	100
38) Bromodichloromethane	7.097	83	56523	5.164	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	64143	5.244	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	212715	54.541	ug/L	100
42) Toluene	7.962	91	188650	5.396	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	52268	5.550	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	27318	5.373	ug/L	99
47) Tetrachloroethene	8.547	164	34189	5.293	ug/L	98
48) 2-Hexanone	8.679	43	148975	53.772	ug/L	99
49) Dibromochloromethane	8.804	129	32331	5.430	ug/L	95
50) 1,2-Dibromoethane	8.917	107	24675	5.275	ug/L	95
51) Chlorobenzene	9.441	112	112445	5.279	ug/L	98
52) Ethylbenzene	9.563	91	207854	5.391	ug/L	99
53) m,p-Xylene	9.689	106	76009	5.367	ug/L	96
54) o-Xylene	10.094	106	72248	5.381	ug/L	96
55) Styrene	10.107	104	121359	5.549	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	31100	5.249	ug/L	93
59) Bromoform	10.283	173	17376	5.336	ug/L	99
60) Isopropylbenzene	10.476	105	204001	5.531	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	23197	5.482	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	168426	5.487	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	163613	5.634	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	87373	5.497	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	83253	5.367	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	75022	5.452	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	4773	6.527	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	62572	5.502	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	43832	5.545	ug/L	99
71) Naphthalene	14.084	128	51021	5.335	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	34147	5.450	ug/L	96

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

