

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072624\
 Data File : VU060243.D
 Acq On : 26 Jul 2024 22:59
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005159

Quant Time: Jul 27 00:36:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 26 23:14:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	150024	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	151504	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	76921	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	40007	3.833	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.600%
7) Chloroethane-d5	1.911	69	38548	3.975	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.560	65	14906	3.658	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.200%
20) 2-Butanone-d5	4.628	46	144934	59.390	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.780%
24) Chloroform-d	5.055	84	96390	4.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.695	65	45578	4.462	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	5.721	84	165115	4.068	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
36) 1,2-Dichloropropane-d6	6.682	67	60027	4.641	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.891	98	140831	3.840	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.800%
43) trans-1,3-Dichloroprop...	8.174	79	18419	4.183	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.627	63	110065	56.333	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.660%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	59858	5.200	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	58684	4.227	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	46889	4.133	ug/L	99
3) Chloromethane	1.518	50	59914	4.373	ug/L	97
5) Vinyl chloride	1.602	62	64956	4.229	ug/L	99
6) Bromomethane	1.853	94	39195	3.920	ug/L	97
8) Chloroethane	1.930	64	41991	4.185	ug/L	99
9) Trichlorofluoromethane	2.132	101	83537	4.312	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	54326	4.297	ug/L	94
12) 1,1-Dichloroethene	2.573	96	49721	4.342	ug/L	92
13) Acetone	2.644	43	83659	51.824	ug/L	96
14) Carbon disulfide	2.788	76	135693	4.070	ug/L	99
15) Methyl Acetate	2.952	43	22531	5.675	ug/L	96
16) Methylene chloride	3.039	84	64335	4.582	ug/L	93
17) Methyl tert-butyl Ether	3.358	73	123376	4.725	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	49901	4.189	ug/L	95
19) 1,1-Dichloroethane	3.859	63	107294	4.744	ug/L	99
21) 2-Butanone	4.708	43	146163	57.196	ug/L	95
22) cis-1,2-Dichloroethene	4.657	96	58788	4.406	ug/L	94
23) Bromochloromethane	4.968	128	27261	4.204	ug/L	# 87
25) Chloroform	5.081	83	110307	4.435	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	64817	4.559	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	85556	4.521	ug/L	98
30) Cyclohexane	5.380	56	71239	4.760	ug/L	93
31) Carbon tetrachloride	5.515	117	71717	4.393	ug/L	96
33) Benzene	5.766	78	236406	4.723	ug/L	100
34) Trichloroethene	6.537	95	59799	4.505	ug/L	92
35) Methylcyclohexane	6.756	83	74548	4.284	ug/L	91
37) 1,2-Dichloropropane	6.785	63	66210	4.897	ug/L	99
38) Bromodichloromethane	7.097	83	78344	4.625	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	79999	4.527	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	354634	59.272	ug/L	98
42) Toluene	7.962	91	252398	4.739	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	68511	4.642	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	49104	4.753	ug/L	96
47) Tetrachloroethene	8.547	164	42974	3.915	ug/L	92
48) 2-Hexanone	8.679	43	268480	61.286	ug/L	96
49) Dibromochloromethane	8.804	129	51388	4.496	ug/L	99
50) 1,2-Dibromoethane	8.917	107	44269	4.739	ug/L	95
51) Chlorobenzene	9.441	112	154338	4.435	ug/L	97
52) Ethylbenzene	9.566	91	247097	4.652	ug/L	100
53) m,p-Xylene	9.688	106	95534	4.656	ug/L	95
54) o-Xylene	10.094	106	92798	4.729	ug/L	93
55) Styrene	10.110	104	160675	4.810	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	63287	5.007	ug/L	100
59) Bromoform	10.287	173	31343	4.483	ug/L	98
60) Isopropylbenzene	10.479	105	241764	4.805	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	42276	5.213	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	184114	4.790	ug/L	96
63) 1,2,4-Trimethylbenzene	11.463	105	175719	4.731	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	121760	4.498	ug/L	96
65) 1,4-Dichlorobenzene	11.830	146	120466	4.371	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	113976	4.398	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.991	75	8926	5.647	ug/L	86
69) 1,3,5-Trichlorobenzene	13.216	180	82853	4.055	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	63840	4.105	ug/L	99
71) Naphthalene	14.084	128	97185	4.411	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	59446	4.251	ug/L	99

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

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