

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U080924\
 Data File : U080398.D
 Acq On : 10 Aug 2024 03:54
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005164

Quant Time: Aug 10 06:04:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 10 05:58:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	105478	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	107734	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	56366	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	30485	3.682	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.600%
7) Chloroethane-d5	1.911	69	31084	4.163	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.200%
11) 1,1-Dichloroethene-d2	2.560	65	13589	3.856	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.200%
20) 2-Butanone-d5	4.640	46	94307	53.671	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.340%
24) Chloroform-d	5.055	84	75267	4.591	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.695	65	35303	4.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.721	84	140896	4.337	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.685	67	46570	4.621	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.891	98	127215	4.386	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	8.174	79	14716	4.517	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.631	63	75167	51.987	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.980%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	40799	4.934	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	48693	4.689	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	28871	5.074	ug/L	95
3) Chloromethane	1.518	50	36135	5.106	ug/L	96
5) Vinyl chloride	1.602	62	42419	5.119	ug/L	98
6) Bromomethane	1.856	94	29656	5.054	ug/L	97
8) Chloroethane	1.930	64	28167	5.012	ug/L	99
9) Trichlorofluoromethane	2.132	101	61162	5.265	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	37904	4.951	ug/L	100
12) 1,1-Dichloroethene	2.573	96	35431	5.094	ug/L	89
13) Acetone	2.653	43	55497	46.252	ug/L	99
14) Carbon disulfide	2.788	76	82709	4.714	ug/L	99
15) Methyl Acetate	2.962	43	15241	6.131	ug/L	91
16) Methylene chloride	3.039	84	43757	4.426	ug/L	96
17) Methyl tert-butyl Ether	3.357	73	88677	5.408	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	34201	5.013	ug/L	97
19) 1,1-Dichloroethane	3.862	63	74746	5.306	ug/L	99
21) 2-Butanone	4.718	43	95012	53.128	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	42968	5.217	ug/L	97
23) Bromochloromethane	4.972	128	19966	5.252	ug/L	93
25) Chloroform	5.078	83	79542	5.191	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	46677	5.727	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	62918	5.335	ug/L	98
30) Cyclohexane	5.380	56	48592	5.090	ug/L	98
31) Carbon tetrachloride	5.515	117	55211	5.342	ug/L	99
33) Benzene	5.766	78	167271	5.393	ug/L	100
34) Trichloroethene	6.537	95	48207	5.937	ug/L	98
35) Methylcyclohexane	6.756	83	50387	4.753	ug/L	99
37) 1,2-Dichloropropane	6.785	63	47374	5.612	ug/L	98
38) Bromodichloromethane	7.100	83	56824	5.446	ug/L	95
39) cis-1,3-Dichloropropene	7.602	75	56493	4.927	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	233676	59.301	ug/L	99
42) Toluene	7.962	91	180094	5.495	ug/L	97
44) trans-1,3-Dichloropropene	8.206	75	49152	5.189	ug/L	91
45) 1,1,2-Trichloroethane	8.393	97	35118	5.432	ug/L	99
47) Tetrachloroethene	8.547	164	31687	4.989	ug/L	97
48) 2-Hexanone	8.679	43	173671	58.138	ug/L	99
49) Dibromochloromethane	8.804	129	38021	5.531	ug/L	95
50) 1,2-Dibromoethane	8.917	107	32167	5.589	ug/L	100
51) Chlorobenzene	9.441	112	114949	5.199	ug/L	94
52) Ethylbenzene	9.563	91	178595	5.172	ug/L	100
53) m,p-Xylene	9.688	106	66519	5.069	ug/L	100
54) o-Xylene	10.094	106	67217	5.353	ug/L	98
55) Styrene	10.110	104	118938	5.474	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	45955	5.716	ug/L	98
59) Bromoform	10.283	173	23640	5.523	ug/L	97
60) Isopropylbenzene	10.479	105	180906	5.315	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	30405	5.572	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	136591	5.213	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	139120	5.388	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	94059	5.423	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	89795	5.136	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	86462	5.279	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	5959	5.825	ug/L	99
69) 1,3,5-Trichlorobenzene	13.212	180	63835	4.870	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	48374	4.701	ug/L	99
71) Naphthalene	14.081	128	91431	6.248	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	63141	6.848	ug/L	100

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

