

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071323\
 Data File : VU054783.D
 Acq On : 13 Jul 2023 09:02
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005092

Quant Time: Jul 14 07:48:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR070723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 13 05:24:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	240036	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	224298	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	117362	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	77364	4.271	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.907	69	67076	4.426	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.563	65	34017	4.598	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.000%
20) 2-Butanone-d5	4.628	46	177712	43.173	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.340%
24) Chloroform-d	5.058	84	153253	4.749	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.698	65	77310	4.582	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	5.724	84	295569	4.964	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	6.689	67	89815	4.756	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.894	98	271338	4.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
43) trans-1,3-Dichloroprop...	8.177	79	35573	4.681	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.600%
46) 2-Hexanone-d5	8.631	63	127148	43.674	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.340%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	68665	4.513	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	98136	4.799	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	89837	4.818	ug/L	99
3) Chloromethane	1.518	50	93641	4.497	ug/L	97
5) Vinyl chloride	1.602	62	94415	4.665	ug/L	99
6) Bromomethane	1.856	94	56418	4.587	ug/L	100
8) Chloroethane	1.930	64	55157	4.764	ug/L	96
9) Trichlorofluoromethane	2.133	101	127984	4.853	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	66237	5.027	ug/L	97
12) 1,1-Dichloroethene	2.576	96	59392	4.836	ug/L	91
13) Acetone	2.634	43	100728	46.859	ug/L	99
14) Carbon disulfide	2.788	76	200423	4.847	ug/L	100
15) Methyl Acetate	2.952	43	23445	4.410	ug/L	99
16) Methylene chloride	3.042	84	68608	3.774	ug/L	98
17) Methyl tert-butyl Ether	3.361	73	135056	4.661	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	61356	4.852	ug/L	98
19) 1,1-Dichloroethane	3.866	63	118470	4.833	ug/L	95
21) 2-Butanone	4.708	43	146423	45.201	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	67382	4.894	ug/L	97
23) Bromochloromethane	4.972	128	30435	4.970	ug/L	93
25) Chloroform	5.084	83	122112	4.752	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	76496	4.609	ug/L	99
29) 1,1,1-Trichloroethane	5.313	97	109444	5.057	ug/L	99
30) Cyclohexane	5.383	56	97783	5.079	ug/L	98
31) Carbon tetrachloride	5.521	117	96820	4.985	ug/L	97
33) Benzene	5.772	78	258781	5.125	ug/L	100
34) Trichloroethene	6.541	95	69270	4.901	ug/L	98
35) Methylcyclohexane	6.759	83	101471	5.134	ug/L	100
37) 1,2-Dichloropropane	6.785	63	65454	4.939	ug/L #	96
38) Bromodichloromethane	7.103	83	85866	5.044	ug/L	95
39) cis-1,3-Dichloropropene	7.605	75	97490	4.918	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	335676	45.198	ug/L	100
42) Toluene	7.965	91	278180	5.198	ug/L	100
44) trans-1,3-Dichloropropene	8.209	75	82119	4.792	ug/L	95
45) 1,1,2-Trichloroethane	8.396	97	44435	4.683	ug/L	97
47) Tetrachloroethene	8.550	164	55653	4.862	ug/L	96
48) 2-Hexanone	8.682	43	250740	46.885	ug/L	99
49) Dibromochloromethane	8.804	129	53144	4.812	ug/L	95
50) 1,2-Dibromoethane	8.923	107	43356	4.788	ug/L	99
51) Chlorobenzene	9.444	112	174703	5.096	ug/L	100
52) Ethylbenzene	9.566	91	293258	5.119	ug/L	99
53) m,p-Xylene	9.692	106	112706	5.150	ug/L	97
54) o-Xylene	10.097	106	107346	5.252	ug/L	97
55) Styrene	10.113	104	177631	5.140	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.779	83	54261	4.690	ug/L	99
59) Bromoform	10.287	173	33055	4.814	ug/L	99
60) Isopropylbenzene	10.483	105	289435	5.315	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	39420	4.609	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	234576	5.192	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	224158	5.192	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	140387	5.119	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	137719	5.042	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	126535	5.020	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	9466	4.549	ug/L	94
69) 1,3,5-Trichlorobenzene	13.216	180	105778	5.161	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	79653	4.837	ug/L	98
71) Naphthalene	14.084	128	112879	4.340	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	69860	4.744	ug/L	99

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

