

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062823\
 Data File : VU054673.D
 Acq On : 28 Jun 2023 09:30
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005199

Quant Time: Jun 29 04:36:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 23 23:55:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	305370	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	297100	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	147831	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	100099	5.151	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.000%
7) Chloroethane-d5	1.914	69	84733	4.657	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.563	65	38383	4.422	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.400%
20) 2-Butanone-d5	4.628	46	282159	51.639	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.280%
24) Chloroform-d	5.058	84	181941	4.479	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	5.698	65	87183	4.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	5.724	84	341712	4.138	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
36) 1,2-Dichloropropane-d6	6.689	67	118419	4.294	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.800%
41) Toluene-d8	7.894	98	304667	4.157	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	8.177	79	45020	4.694	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.631	63	194520	48.341	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.680%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	93878	4.564	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	105514	4.232	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	112277	3.935	ug/L	99
3) Chloromethane	1.522	50	138009	4.210	ug/L	99
5) Vinyl chloride	1.605	62	145149	4.314	ug/L	99
6) Bromomethane	1.859	94	76923	4.159	ug/L	97
8) Chloroethane	1.933	64	89178	4.422	ug/L	100
9) Trichlorofluoromethane	2.136	101	186392	4.507	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	114139	4.717	ug/L	97
12) 1,1-Dichloroethene	2.579	96	98088	4.429	ug/L	92
13) Acetone	2.637	43	310480	60.265	ug/L	99
14) Carbon disulfide	2.792	76	248415	3.782	ug/L	100
15) Methyl Acetate	2.952	43	54184	5.676	ug/L	97
16) Methylene chloride	3.046	84	124449	3.996	ug/L	94
17) Methyl tert-butyl Ether	3.361	73	271944	4.974	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	99774	4.363	ug/L	96
19) 1,1-Dichloroethane	3.866	63	238549	5.041	ug/L	98
21) 2-Butanone	4.705	43	399099	59.690	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	123102	4.727	ug/L	99
23) Bromochloromethane	4.972	128	51323	4.736	ug/L	96
25) Chloroform	5.084	83	233586	5.007	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	142190	5.199	ug/L	96
29) 1,1,1-Trichloroethane	5.312	97	190940	4.739	ug/L	98
30) Cyclohexane	5.386	56	180714	4.118	ug/L	98
31) Carbon tetrachloride	5.521	117	159754	4.602	ug/L	100
33) Benzene	5.772	78	480199	4.497	ug/L	100
34) Trichloroethene	6.541	95	120630	4.272	ug/L	93
35) Methylcyclohexane	6.759	83	171055	4.008	ug/L	96
37) 1,2-Dichloropropane	6.785	63	140415	4.864	ug/L	99
38) Bromodichloromethane	7.100	83	165587	5.067	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	194324	4.930	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	879298	57.072	ug/L	97
42) Toluene	7.965	91	517580	4.707	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	161646	5.053	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	94564	5.149	ug/L	99
47) Tetrachloroethene	8.550	164	88064	4.075	ug/L	98
48) 2-Hexanone	8.682	43	665142	57.941	ug/L	97
49) Dibromochloromethane	8.804	129	100384	5.205	ug/L	98
50) 1,2-Dibromoethane	8.920	107	84184	4.993	ug/L	97
51) Chlorobenzene	9.444	112	314126	4.583	ug/L	97
52) Ethylbenzene	9.566	91	544689	4.536	ug/L	99
53) m,p-Xylene	9.692	106	201668	4.571	ug/L	99
54) o-Xylene	10.097	106	197259	4.624	ug/L	99
55) Styrene	10.110	104	342424	4.782	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	126629	5.428	ug/L	99
59) Bromoform	10.287	173	61271	5.773	ug/L	99
60) Isopropylbenzene	10.479	105	538512	4.980	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	83014	5.556	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	425144	4.818	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	435478	4.859	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	251159	4.969	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	245578	4.841	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	235091	5.057	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	19511	5.943	ug/L	95
69) 1,3,5-Trichlorobenzene	13.216	180	183837	4.820	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	148463	4.707	ug/L	99
71) Naphthalene	14.084	128	226410	4.415	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	128772	4.753	ug/L	99

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

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