

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102723\
 Data File : VU055959.D
 Acq On : 28 Oct 2023 06:55
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005161

Quant Time: Oct 28 07:42:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 05:19:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	381605	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	377229	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	196990	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	116621	3.863	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.200%
7) Chloroethane-d5	1.914	69	92258	3.921	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.400%
11) 1,1-Dichloroethene-d2	2.567	65	54360	4.242	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.800%
20) 2-Butanone-d5	4.628	46	219709	40.798	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.600%
24) Chloroform-d	5.059	84	242602	4.337	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.698	65	105926	3.887	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
32) Benzene-d6	5.724	84	497000	4.423	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.685	67	140401	4.215	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.200%
41) Toluene-d8	7.894	98	459439	4.507	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	8.177	79	51278	3.936	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.800%
46) 2-Hexanone-d5	8.631	63	182356	55.139	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.280%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	102456	4.224	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	154329	4.199	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	148007	6.805	ug/L	97
3) Chloromethane	1.518	50	152054	7.322	ug/L	97
5) Vinyl chloride	1.605	62	162729	7.115	ug/L	97
6) Bromomethane	1.859	94	86210	6.084	ug/L	98
8) Chloroethane	1.933	64	94643	7.062	ug/L	98
9) Trichlorofluoromethane	2.139	101	224412	7.113	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.583	101	138926	6.704	ug/L	98
12) 1,1-Dichloroethene	2.580	96	135451	7.324	ug/L	78
13) Acetone	2.637	43	164974	53.758	ug/L	95
14) Carbon disulfide	2.795	76	456200	9.633	ug/L	100
15) Methyl Acetate	2.952	43	61859	9.894	ug/L	98
16) Methylene chloride	3.046	84	153858	7.342	ug/L	98
17) Methyl tert-butyl Ether	3.361	73	304257	6.779	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	144602	7.885	ug/L	97
19) 1,1-Dichloroethane	3.866	63	264286	7.098	ug/L	98
21) 2-Butanone	4.705	43	277348	61.479	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	157114	7.076	ug/L	97
23) Bromochloromethane	4.972	128	67068	7.414	ug/L	89
25) Chloroform	5.084	83	274583	6.878	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	147686	6.296	ug/L	99
29) 1,1,1-Trichloroethane	5.313	97	236302	6.873	ug/L	98
30) Cyclohexane	5.386	56	226419	7.805	ug/L	100
31) Carbon tetrachloride	5.522	117	211219	7.202	ug/L	97
33) Benzene	5.772	78	606466	7.285	ug/L	100
34) Trichloroethene	6.541	95	163953	7.041	ug/L	100
35) Methylcyclohexane	6.759	83	238952	7.603	ug/L	98
37) 1,2-Dichloropropane	6.788	63	149919	6.782	ug/L	100
38) Bromodichloromethane	7.103	83	187270	6.749	ug/L	100
39) cis-1,3-Dichloropropene	7.605	75	200683	6.373	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	702414	65.922	ug/L	97
42) Toluene	7.965	91	656105	7.541	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	162307	6.385	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	103297	6.646	ug/L	98
47) Tetrachloroethene	8.550	164	124304	7.622	ug/L	97
48) 2-Hexanone	8.682	43	506342	60.437	ug/L	98
49) Dibromochloromethane	8.808	129	124272	7.284	ug/L	98
50) 1,2-Dibromoethane	8.920	107	97593	6.920	ug/L	99
51) Chlorobenzene	9.444	112	407229	7.142	ug/L	100
52) Ethylbenzene	9.566	91	713331	7.233	ug/L	100
53) m,p-Xylene	9.692	106	267072	7.246	ug/L	99
54) o-Xylene	10.097	106	262862	7.289	ug/L	99
55) Styrene	10.113	104	437439	7.567	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.779	83	120949	6.723	ug/L	97
59) Bromoform	10.287	173	70953	7.080	ug/L	99
60) Isopropylbenzene	10.483	105	664721	6.772	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	85175	6.298	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	562953	7.018	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	567179	7.611	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	319906	6.875	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	309476	6.664	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	289977	6.787	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	18035	7.474	ug/L	96
69) 1,3,5-Trichlorobenzene	13.216	180	223739	7.036	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	182004	7.744	ug/L	99
71) Naphthalene	14.084	128	269510	7.919	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	159131	7.853	ug/L	99

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

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