

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055081.D
 Acq On : 02 Sep 2023 07:56
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005106

Quant Time: Sep 04 01:37:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 02 00:23:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	179323	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	182322	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	105240	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	40791	4.853	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.000%
7) Chloroethane-d5	1.911	69	50921	5.234	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.600%
11) 1,1-Dichloroethene-d2	2.560	65	25155	5.253	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.000%
20) 2-Butanone-d5	4.628	46	156036	63.977	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.960%
24) Chloroform-d	5.062	84	121830	5.463	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.200%
26) 1,2-Dichloroethane-d4	5.698	65	61840	5.542	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.800%
32) Benzene-d6	5.724	84	237128	5.269	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
36) 1,2-Dichloropropane-d6	6.689	67	77056	5.383	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.600%
41) Toluene-d8	7.894	98	220386	5.316	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
43) trans-1,3-Dichloroprop...	8.177	79	20253	5.138	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.800%
46) 2-Hexanone-d5	8.631	63	103080	64.411	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.820%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	58989	5.860	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	78231	5.093	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	57307	5.499	ug/L	97
3) Chloromethane	1.518	50	55991	5.278	ug/L	99
5) Vinyl chloride	1.602	62	61400	5.486	ug/L	98
6) Bromomethane	1.856	94	25364	3.758	ug/L	98
8) Chloroethane	1.930	64	42084	5.775	ug/L	100
9) Trichlorofluoromethane	2.136	101	83568	5.135	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	50241	5.306	ug/L	98
12) 1,1-Dichloroethene	2.576	96	44159	5.327	ug/L	96
13) Acetone	2.634	43	90034	55.079	ug/L	100
14) Carbon disulfide	2.788	76	106541	5.248	ug/L	98
15) Methyl Acetate	2.956	43	21162	6.325	ug/L	98
16) Methylene chloride	3.039	84	72616	5.732	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	132131	6.077	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	46680	5.550	ug/L	91
19) 1,1-Dichloroethane	3.866	63	102121	5.618	ug/L	98
21) 2-Butanone	4.708	43	151367	63.025	ug/L	100
22) cis-1,2-Dichloroethene	4.663	96	57875	5.621	ug/L	95
23) Bromochloromethane	4.972	128	24325	5.744	ug/L	97
25) Chloroform	5.084	83	105131	5.553	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	65862	5.700	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	85499	5.421	ug/L	99
30) Cyclohexane	5.386	56	72456	5.166	ug/L	100
31) Carbon tetrachloride	5.521	117	69194	5.276	ug/L	97
33) Benzene	5.769	78	214647	5.532	ug/L	100
34) Trichloroethene	6.541	95	60694	5.628	ug/L	98
35) Methylcyclohexane	6.759	83	74640	4.933	ug/L	98
37) 1,2-Dichloropropane	6.788	63	59145	5.598	ug/L #	98
38) Bromodichloromethane	7.103	83	71160	5.642	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	74441	5.181	ug/L	95
40) 4-Methyl-2-pentanone	7.788	43	368252	61.109	ug/L	99
42) Toluene	7.965	91	225530	5.452	ug/L	100
44) trans-1,3-Dichloropropene	8.209	75	60176	5.336	ug/L	99
45) 1,1,2-Trichloroethane	8.399	97	44578	6.265	ug/L	91
47) Tetrachloroethene	8.550	164	38248	5.132	ug/L	97
48) 2-Hexanone	8.682	43	276145	58.503	ug/L	97
49) Dibromochloromethane	8.807	129	42912	5.525	ug/L	99
50) 1,2-Dibromoethane	8.920	107	39696	6.126	ug/L #	90
51) Chlorobenzene	9.444	112	147571	5.386	ug/L	100
52) Ethylbenzene	9.566	91	246148	5.319	ug/L	99
53) m,p-Xylene	9.692	106	89226	5.210	ug/L	99
54) o-Xylene	10.100	106	89965	5.339	ug/L	98
55) Styrene	10.113	104	149057	5.356	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	54056	6.099	ug/L	95
59) Bromoform	10.287	173	22517	5.355	ug/L	96
60) Isopropylbenzene	10.483	105	243669	4.965	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	40306	5.771	ug/L	99
62) 1,3,5-Trimethylbenzene	11.087	105	199230	4.880	ug/L	98
63) 1,2,4-Trimethylbenzene	11.467	105	184193	4.578	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	113888	4.834	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	113580	4.837	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	105228	4.764	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	7126	5.297	ug/L	97
69) 1,3,5-Trichlorobenzene	13.216	180	76918	4.320	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	59145	3.543	ug/L	97
71) Naphthalene	14.084	128	91056	3.001	ug/L	98
72) 1,2,3-Trichlorobenzene	14.328	180	51942	3.585	ug/L	97

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

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