

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092523\
 Data File : VU055481.D
 Acq On : 25 Sep 2023 08:57
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005141

Quant Time: Sep 26 01:20:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Sep 25 01:08:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	336365	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	340403	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	186607	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	119052	3.502	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.000%
7) Chloroethane-d5	1.911	69	116003	3.872	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.400%
11) 1,1-Dichloroethene-d2	2.563	65	53877	3.850	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.000%
20) 2-Butanone-d5	4.631	46	332886	54.212	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.420%
24) Chloroform-d	5.059	84	286607	4.661	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.698	65	139405	4.713	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	5.724	84	519936	4.367	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.689	67	165506	4.652	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.894	98	465365	4.288	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	8.177	79	64719	5.184	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.600%
46) 2-Hexanone-d5	8.631	63	198651	52.313	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.620%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	134237	5.035	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	162540	4.316	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	156955	4.793	ug/L	100
3) Chloromethane	1.515	50	137999	4.790	ug/L	100
5) Vinyl chloride	1.602	62	152465	4.906	ug/L	99
6) Bromomethane	1.856	94	86804	4.397	ug/L	93
8) Chloroethane	1.930	64	90791	4.477	ug/L	98
9) Trichlorofluoromethane	2.136	101	211988	4.919	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	129870	4.952	ug/L	100
12) 1,1-Dichloroethene	2.576	96	117199	4.983	ug/L	91
13) Acetone	2.644	43	181046	51.723	ug/L	99
14) Carbon disulfide	2.789	76	367742	5.202	ug/L	99
15) Methyl Acetate	2.953	43	39781	4.985	ug/L	98
16) Methylene chloride	3.039	84	130303	4.625	ug/L	97
17) Methyl tert-butyl Ether	3.358	73	256384	5.025	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	115700	4.881	ug/L	98
19) 1,1-Dichloroethane	3.866	63	222382	5.073	ug/L	97
21) 2-Butanone	4.711	43	269162	52.430	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	133092	4.843	ug/L	96
23) Bromochloromethane	4.972	128	57542	4.954	ug/L	98
25) Chloroform	5.084	83	238906	5.147	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	141721	4.979	ug/L	100
29) 1,1,1-Trichloroethane	5.313	97	210241	5.418	ug/L	99
30) Cyclohexane	5.386	56	178885	5.036	ug/L	99
31) Carbon tetrachloride	5.522	117	183443	5.515	ug/L	99
33) Benzene	5.772	78	507452	5.179	ug/L	100
34) Trichloroethene	6.541	95	139599	5.037	ug/L	97
35) Methylcyclohexane	6.759	83	199368	4.994	ug/L	97
37) 1,2-Dichloropropane	6.788	63	131382	5.127	ug/L	99
38) Bromodichloromethane	7.103	83	164022	5.463	ug/L	97
39) cis-1,3-Dichloropropene	7.605	75	187446	5.481	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	622285	53.539	ug/L	99
42) Toluene	7.968	91	546400	5.228	ug/L	99
44) trans-1,3-Dichloropropene	8.210	75	153254	5.601	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	92605	5.155	ug/L	98
47) Tetrachloroethene	8.550	164	102814	5.172	ug/L	96
48) 2-Hexanone	8.682	43	462847	51.381	ug/L	98
49) Dibromochloromethane	8.808	129	102689	5.453	ug/L	98
50) 1,2-Dibromoethane	8.923	107	87746	5.263	ug/L #	100
51) Chlorobenzene	9.444	112	341113	5.096	ug/L	98
52) Ethylbenzene	9.570	91	579250	5.170	ug/L	98
53) m,p-Xylene	9.692	106	220210	5.245	ug/L	97
54) o-Xylene	10.097	106	214713	5.260	ug/L	96
55) Styrene	10.113	104	355686	5.389	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.779	83	108916	5.370	ug/L	100
59) Bromoform	10.290	173	59108	5.910	ug/L	97
60) Isopropylbenzene	10.483	105	571994	5.318	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	77555	5.324	ug/L	97
62) 1,3,5-Trimethylbenzene	11.087	105	457391	5.318	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	445009	5.286	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	269147	5.227	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	261679	5.085	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	247975	5.253	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	15192	6.017	ug/L	96
69) 1,3,5-Trichlorobenzene	13.216	180	180951	5.103	ug/L	99
70) 1,2,4-trichlorobenzene	13.840	180	132526	4.902	ug/L	99
71) Naphthalene	14.084	128	176907	4.520	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	112893	4.799	ug/L	98

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

