

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070323\
 Data File : VU054737.D
 Acq On : 03 Jul 2023 09:49
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005086

Quant Time: Jul 05 04:35:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jul 03 06:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	277713	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	269030	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	137729	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	85888	4.860	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.200%
7) Chloroethane-d5	1.907	69	71995	4.351	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.560	65	34445	4.364	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.200%
20) 2-Butanone-d5	4.624	46	285480	57.450	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.900%
24) Chloroform-d	5.058	84	174471	4.723	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.698	65	87514	4.859	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.724	84	316030	4.226	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	6.689	67	111245	4.454	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.894	98	290436	4.376	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	8.177	79	43587	5.019	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.400%
46) 2-Hexanone-d5	8.631	63	201054	55.178	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.360%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	96025	5.156	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	105144	4.526	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	92879	3.579	ug/L	98
3) Chloromethane	1.518	50	121544	4.077	ug/L	96
5) Vinyl chloride	1.602	62	128527	4.201	ug/L	99
6) Bromomethane	1.856	94	68289	4.060	ug/L	98
8) Chloroethane	1.930	64	82727	4.511	ug/L	95
9) Trichlorofluoromethane	2.132	101	175300	4.660	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	106840	4.855	ug/L	99
12) 1,1-Dichloroethene	2.573	96	89789	4.458	ug/L #	87
13) Acetone	2.637	43	220804	47.127	ug/L	99
14) Carbon disulfide	2.788	76	211729	3.545	ug/L	99
15) Methyl Acetate	2.952	43	49264	5.674	ug/L	95
16) Methylene chloride	3.042	84	114027	4.026	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	254889	5.127	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	90324	4.343	ug/L	99
19) 1,1-Dichloroethane	3.862	63	211816	4.922	ug/L	98
21) 2-Butanone	4.705	43	335140	55.116	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	112055	4.732	ug/L	97
23) Bromochloromethane	4.972	128	49052	4.977	ug/L	99
25) Chloroform	5.084	83	215107	5.070	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	129877	5.222	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	177479	4.865	ug/L	99
30) Cyclohexane	5.383	56	151145	3.804	ug/L	99
31) Carbon tetrachloride	5.521	117	147141	4.681	ug/L	100
33) Benzene	5.769	78	434396	4.493	ug/L	100
34) Trichloroethene	6.537	95	113319	4.432	ug/L	95
35) Methylcyclohexane	6.759	83	149933	3.880	ug/L	99
37) 1,2-Dichloropropane	6.788	63	125957	4.818	ug/L	100
38) Bromodichloromethane	7.100	83	153171	5.176	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	172893	4.844	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	781389	56.009	ug/L	98
42) Toluene	7.965	91	464930	4.669	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	148840	5.138	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	88615	5.328	ug/L	99
47) Tetrachloroethene	8.550	164	86541	4.422	ug/L	98
48) 2-Hexanone	8.682	43	571401	54.968	ug/L	99
49) Dibromochloromethane	8.804	129	96303	5.515	ug/L	98
50) 1,2-Dibromoethane	8.920	107	78356	5.132	ug/L	99
51) Chlorobenzene	9.444	112	286524	4.616	ug/L	99
52) Ethylbenzene	9.566	91	491904	4.524	ug/L	99
53) m,p-Xylene	9.692	106	184052	4.607	ug/L	97
54) o-Xylene	10.097	106	181329	4.694	ug/L	99
55) Styrene	10.113	104	312045	4.813	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	114543	5.422	ug/L	99
59) Bromoform	10.287	173	58061	5.872	ug/L	98
60) Isopropylbenzene	10.483	105	492343	4.887	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	78531	5.642	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	390001	4.744	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	398187	4.769	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	235518	5.001	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	231333	4.894	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	220196	5.084	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	18043	5.899	ug/L	92
69) 1,3,5-Trichlorobenzene	13.216	180	169861	4.780	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	138921	4.728	ug/L	99
71) Naphthalene	14.084	128	216706	4.536	ug/L	97
72) 1,2,3-Trichlorobenzene	14.325	180	128932	5.108	ug/L	98

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

