

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062923\
 Data File : VU054707.D
 Acq On : 29 Jun 2023 20:03
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005083

Quant Time: Jun 30 05:21:12 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	300262	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	286062	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	147849	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	96616	5.056	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.200%
7) Chloroethane-d5	1.911	69	85346	4.770	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.400%
11) 1,1-Dichloroethene-d2	2.563	65	38582	4.521	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.400%
20) 2-Butanone-d5	4.634	46	316131	58.841	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.680%
24) Chloroform-d	5.058	84	188637	4.723	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.698	65	93579	4.806	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.724	84	354235	4.455	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.685	67	123449	4.649	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.894	98	320740	4.545	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	8.174	79	44148	4.781	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.631	63	213946	55.221	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.440%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	101120	5.106	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	112833	4.525	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	104248	3.716	ug/L	98
3) Chloromethane	1.522	50	130748	4.057	ug/L	100
5) Vinyl chloride	1.602	62	141629	4.281	ug/L	100
6) Bromomethane	1.856	94	73122	4.020	ug/L	96
8) Chloroethane	1.933	64	88814	4.479	ug/L	98
9) Trichlorofluoromethane	2.132	101	185074	4.551	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	108430	4.557	ug/L	96
12) 1,1-Dichloroethene	2.576	96	98703	4.532	ug/L	90
13) Acetone	2.647	43	216117	42.663	ug/L	100
14) Carbon disulfide	2.788	76	235128	3.641	ug/L	100
15) Methyl Acetate	2.956	43	56668	6.037	ug/L	98
16) Methylene chloride	3.042	84	134795	4.402	ug/L	93
17) Methyl tert-butyl Ether	3.361	73	275163	5.119	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	98544	4.383	ug/L	97
19) 1,1-Dichloroethane	3.862	63	235280	5.056	ug/L	99
21) 2-Butanone	4.711	43	367629	55.919	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	121639	4.750	ug/L	96
23) Bromochloromethane	4.972	128	52395	4.917	ug/L	98
25) Chloroform	5.084	83	228745	4.986	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	139452	5.186	ug/L	97
29) 1,1,1-Trichloroethane	5.312	97	188063	4.848	ug/L	98
30) Cyclohexane	5.383	56	169563	4.013	ug/L	97
31) Carbon tetrachloride	5.518	117	155370	4.648	ug/L	99
33) Benzene	5.769	78	477211	4.642	ug/L	100
34) Trichloroethene	6.537	95	139272	5.123	ug/L	96
35) Methylcyclohexane	6.759	83	163526	3.979	ug/L	98
37) 1,2-Dichloropropane	6.788	63	141029	5.073	ug/L	100
38) Bromodichloromethane	7.100	83	163209	5.187	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	173326	4.567	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	889943	59.992	ug/L	97
42) Toluene	7.965	91	498992	4.713	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	153962	4.999	ug/L	96
45) 1,1,2-Trichloroethane	8.396	97	94877	5.365	ug/L	99
47) Tetrachloroethene	8.550	164	198961	9.561	ug/L	98
48) 2-Hexanone	8.682	43	642290	58.109	ug/L	98
49) Dibromochloromethane	8.804	129	100630	5.419	ug/L	99
50) 1,2-Dibromoethane	8.920	107	82003	5.051	ug/L	97
51) Chlorobenzene	9.444	112	310066	4.698	ug/L	98
52) Ethylbenzene	9.566	91	532364	4.604	ug/L	99
53) m,p-Xylene	9.692	106	197267	4.644	ug/L	97
54) o-Xylene	10.097	106	193438	4.709	ug/L	96
55) Styrene	10.110	104	338086	4.904	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	124506	5.543	ug/L	98
59) Bromoform	10.286	173	61640	5.807	ug/L	100
60) Isopropylbenzene	10.479	105	526452	4.867	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	83188	5.567	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	416937	4.725	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	426839	4.762	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	248077	4.907	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	243602	4.801	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	232981	5.011	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	20616	6.279	ug/L	89
69) 1,3,5-Trichlorobenzene	13.216	180	179459	4.705	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	149507	4.740	ug/L	100
71) Naphthalene	14.081	128	248732	4.850	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	137021	5.056	ug/L	100

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

