

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060823\
 Data File : VU054448.D
 Acq On : 08 Jun 2023 20:04
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005176

Quant Time: Jun 09 05:24:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 08 01:20:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	306526	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	289911	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	155649	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	81715	4.189	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.800%
7) Chloroethane-d5	1.914	69	80151	4.388	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.563	65	36698	4.212	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.200%
20) 2-Butanone-d5	4.627	46	288184	52.543	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.080%
24) Chloroform-d	5.058	84	199238	4.886	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.698	65	95982	4.829	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.724	84	375692	4.662	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	6.688	67	129233	4.802	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.894	98	339358	4.745	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
43) trans-1,3-Dichloroprop...	8.174	79	44012	4.703	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.000%
46) 2-Hexanone-d5	8.630	63	195321	49.744	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.480%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	97786	4.872	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	128255	4.885	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	148885	5.198	ug/L	98
3) Chloromethane	1.518	50	173906	5.286	ug/L	97
5) Vinyl chloride	1.605	62	178520	5.286	ug/L	100
6) Bromomethane	1.859	94	95410	5.139	ug/L	95
8) Chloroethane	1.933	64	101318	5.005	ug/L	100
9) Trichlorofluoromethane	2.136	101	220491	5.311	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	128962	5.310	ug/L	99
12) 1,1-Dichloroethene	2.579	96	117682	5.293	ug/L	99
13) Acetone	2.640	43	194889	37.686	ug/L	99
14) Carbon disulfide	2.792	76	339564	5.150	ug/L	100
15) Methyl Acetate	2.952	43	48623	5.074	ug/L	99
16) Methylene chloride	3.042	84	151925	4.860	ug/L	96
17) Methyl tert-butyl Ether	3.361	73	293963	5.357	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	121570	5.296	ug/L	98
19) 1,1-Dichloroethane	3.865	63	253378	5.334	ug/L	99
21) 2-Butanone	4.708	43	330371	49.225	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	138677	5.305	ug/L	99
23) Bromochloromethane	4.971	128	58574	5.385	ug/L	96
25) Chloroform	5.084	83	248041	5.296	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	148400	5.406	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	209535	5.330	ug/L	99
30) Cyclohexane	5.383	56	220525	5.150	ug/L	99
31) Carbon tetrachloride	5.521	117	180097	5.317	ug/L	100
33) Benzene	5.769	78	552831	5.306	ug/L	100
34) Trichloroethene	6.537	95	141135	5.122	ug/L	98
35) Methylcyclohexane	6.759	83	209723	5.036	ug/L	98
37) 1,2-Dichloropropane	6.785	63	150679	5.348	ug/L	100
38) Bromodichloromethane	7.100	83	172456	5.408	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	203983	5.303	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	794465	52.845	ug/L	100
42) Toluene	7.965	91	578820	5.394	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	162952	5.220	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	96817	5.402	ug/L	99
47) Tetrachloroethene	8.547	164	106727	5.060	ug/L	99
48) 2-Hexanone	8.679	43	575535	51.378	ug/L	99
49) Dibromochloromethane	8.804	129	100746	5.354	ug/L	100
50) 1,2-Dibromoethane	8.920	107	90494	5.500	ug/L	96
51) Chlorobenzene	9.444	112	354116	5.294	ug/L	99
52) Ethylbenzene	9.566	91	617397	5.269	ug/L	99
53) m,p-Xylene	9.688	106	234587	5.449	ug/L	100
54) o-Xylene	10.097	106	226205	5.434	ug/L	100
55) Styrene	10.110	104	383895	5.494	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	117260	5.151	ug/L	100
59) Bromoform	10.286	173	58048	5.195	ug/L	98
60) Isopropylbenzene	10.479	105	604849	5.312	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	82669	5.255	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	485541	5.226	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	498610	5.284	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	279651	5.254	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	276389	5.174	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	257018	5.251	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	17450	5.048	ug/L	92
69) 1,3,5-Trichlorobenzene	13.212	180	199545	4.969	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	160837	4.843	ug/L	99
71) Naphthalene	14.080	128	244435	4.527	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	140082	4.910	ug/L	99

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

