

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
 Data File : VU055130.D
 Acq On : 06 Sep 2023 06:15
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005109

Quant Time: Sep 06 06:31:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 05:03:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	191230	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	193467	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	108536	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	37502	4.184	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.907	69	45978	4.432	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.560	65	22985	4.501	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.000%
20) 2-Butanone-d5	4.627	46	142092	54.632	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.260%
24) Chloroform-d	5.062	84	114298	4.806	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.701	65	58474	4.914	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.727	84	221688	4.642	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.689	67	72046	4.743	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.894	98	204373	4.646	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	8.180	79	17546	4.195	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.631	63	90526	53.308	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.620%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	55831	5.227	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	72980	4.607	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	52950	4.765	ug/L	99
3) Chloromethane	1.518	50	58056	5.132	ug/L	99
5) Vinyl chloride	1.599	62	60820	5.096	ug/L	98
6) Bromomethane	1.853	94	31927	4.436	ug/L	97
8) Chloroethane	1.930	64	38463	4.950	ug/L	99
9) Trichlorofluoromethane	2.132	101	84818	4.887	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	49358	4.888	ug/L	98
12) 1,1-Dichloroethene	2.573	96	46091	5.213	ug/L	95
13) Acetone	2.631	43	90197	51.743	ug/L	97
14) Carbon disulfide	2.788	76	109031	5.036	ug/L	97
15) Methyl Acetate	2.956	43	21086	5.910	ug/L	93
16) Methylene chloride	3.039	84	59610	4.413	ug/L	95
17) Methyl tert-butyl Ether	3.361	73	130236	5.617	ug/L	100
18) trans-1,2-Dichloroethene	3.351	96	46216	5.152	ug/L	91
19) 1,1-Dichloroethane	3.865	63	101253	5.223	ug/L	97
21) 2-Butanone	4.705	43	141612	55.292	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	58835	5.358	ug/L	99
23) Bromochloromethane	4.975	128	24656	5.460	ug/L	95
25) Chloroform	5.084	83	106491	5.275	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	67669	5.492	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	84181	5.030	ug/L	99
30) Cyclohexane	5.386	56	70495	4.737	ug/L	99
31) Carbon tetrachloride	5.521	117	71374	5.129	ug/L	99
33) Benzene	5.772	78	213816	5.193	ug/L	100
34) Trichloroethene	6.541	95	61304	5.357	ug/L	98
35) Methylcyclohexane	6.762	83	69695	4.341	ug/L	94
37) 1,2-Dichloropropane	6.788	63	61829	5.515	ug/L	99
38) Bromodichloromethane	7.103	83	71422	5.336	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	73678	4.832	ug/L	96
40) 4-Methyl-2-pentanone	7.788	43	374223	58.522	ug/L	100
42) Toluene	7.968	91	226104	5.151	ug/L	97
44) trans-1,3-Dichloropropene	8.209	75	57547	4.809	ug/L	95
45) 1,1,2-Trichloroethane	8.399	97	42737	5.660	ug/L	93
47) Tetrachloroethene	8.553	164	40448	5.114	ug/L	96
48) 2-Hexanone	8.682	43	282056	56.313	ug/L	99
49) Dibromochloromethane	8.807	129	42924	5.208	ug/L	98
50) 1,2-Dibromoethane	8.923	107	40442	5.882	ug/L	92
51) Chlorobenzene	9.444	112	145179	4.994	ug/L	95
52) Ethylbenzene	9.569	91	249792	5.086	ug/L	100
53) m,p-Xylene	9.692	106	91808	5.052	ug/L	100
54) o-Xylene	10.100	106	90218	5.045	ug/L	96
55) Styrene	10.113	104	156090	5.286	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	53310	5.668	ug/L	98
59) Bromoform	10.286	173	23037	5.312	ug/L	100
60) Isopropylbenzene	10.483	105	246695	4.874	ug/L	98
61) 1,2,3-Trichloropropane	10.820	75	39161	5.437	ug/L	98
62) 1,3,5-Trimethylbenzene	11.087	105	205106	4.871	ug/L	100
63) 1,2,4-Trimethylbenzene	11.466	105	191778	4.622	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	119967	4.938	ug/L	99
65) 1,4-Dichlorobenzene	11.836	146	121113	5.002	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	113883	4.999	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.994	75	7568	5.454	ug/L	95
69) 1,3,5-Trichlorobenzene	13.219	180	83097	4.526	ug/L	100
70) 1,2,4-trichlorobenzene	13.839	180	70429	4.091	ug/L	98
71) Naphthalene	14.087	128	120771	3.859	ug/L	97
72) 1,2,3-Trichlorobenzene	14.328	180	65505	4.383	ug/L	99

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

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