

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122723\
 Data File : VU057313.D
 Acq On : 28 Dec 2023 05:33
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005113

Quant Time: Dec 28 05:47:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 28 00:43:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	265439	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	260658	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	128354	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	116301	5.097	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 102.000%	
7) Chloroethane-d5	1.911	69	95870	5.231	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 104.600%	
11) 1,1-Dichloroethene-d2	2.560	65	45930	5.057	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 101.200%	
20) 2-Butanone-d5	4.637	46	288306	55.783	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 111.560%	
24) Chloroform-d	5.055	84	207293	5.108	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 102.200%	
26) 1,2-Dichloroethane-d4	5.695	65	108451	5.230	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 104.600%	
32) Benzene-d6	5.721	84	385614	5.190	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 103.800%	
36) 1,2-Dichloropropane-d6	6.685	67	124320	5.339	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 106.800%	
41) Toluene-d8	7.891	98	340221	5.308	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 106.200%	
43) trans-1,3-Dichloroprop...	8.174	79	48908	5.235	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 104.800%	
46) 2-Hexanone-d5	8.631	63	244622	57.813	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 115.620%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	108088	5.528	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 110.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	119591	5.117	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 102.400%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	88426	4.590	ug/L	98
3) Chloromethane	1.515	50	101684	4.759	ug/L	99
5) Vinyl chloride	1.599	62	108411	4.893	ug/L	99
6) Bromomethane	1.853	94	48759	4.666	ug/L	100
8) Chloroethane	1.930	64	71893	5.005	ug/L	97
9) Trichlorofluoromethane	2.136	101	156346	4.898	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	93389	4.837	ug/L	99
12) 1,1-Dichloroethene	2.573	96	82954	4.782	ug/L	97
13) Acetone	2.663	43	144310	42.841	ug/L	92
14) Carbon disulfide	2.788	76	233253	4.715	ug/L	99
15) Methyl Acetate	2.959	43	41467	5.406	ug/L	97
16) Methylene chloride	3.039	84	101526	4.534	ug/L	96
17) Methyl tert-butyl Ether	3.354	73	214627	4.901	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	83126	4.828	ug/L	98
19) 1,1-Dichloroethane	3.862	63	175546	4.852	ug/L	98
21) 2-Butanone	4.718	43	237747	49.417	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	95268	4.788	ug/L	98
23) Bromochloromethane	4.968	128	42846	4.816	ug/L	93
25) Chloroform	5.081	83	183517	4.809	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	115723	4.839	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	157945	4.784	ug/L	99
30) Cyclohexane	5.380	56	120079	4.876	ug/L	98
31) Carbon tetrachloride	5.518	117	132686	4.791	ug/L	99
33) Benzene	5.766	78	367122	4.890	ug/L	100
34) Trichloroethene	6.538	95	96207	4.808	ug/L	98
35) Methylcyclohexane	6.756	83	122193	4.675	ug/L	100
37) 1,2-Dichloropropane	6.785	63	102534	4.908	ug/L	98
38) Bromodichloromethane	7.097	83	128170	4.756	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	137911	4.828	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	579767	54.464	ug/L	99
42) Toluene	7.962	91	385527	4.769	ug/L	97
44) trans-1,3-Dichloropropene	8.203	75	118961	4.776	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	75774	4.980	ug/L	98
47) Tetrachloroethene	8.547	164	66812	4.725	ug/L	98
48) 2-Hexanone	8.682	43	442957	56.440	ug/L	98
49) Dibromochloromethane	8.804	129	83994	4.847	ug/L	98
50) 1,2-Dibromoethane	8.917	107	68741	5.033	ug/L	99
51) Chlorobenzene	9.441	112	238853	4.860	ug/L	98
52) Ethylbenzene	9.563	91	395913	4.907	ug/L	100
53) m,p-Xylene	9.689	106	149930	4.880	ug/L	98
54) o-Xylene	10.094	106	144081	4.933	ug/L	98
55) Styrene	10.110	104	252291	5.131	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	99075	5.262	ug/L	99
59) Bromoform	10.287	173	50553	5.029	ug/L	96
60) Isopropylbenzene	10.479	105	387758	4.926	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	66098	4.932	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	297631	4.831	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	302960	4.947	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	184520	4.878	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	185277	4.812	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	178108	4.898	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	14606	4.956	ug/L	85
69) 1,3,5-Trichlorobenzene	13.213	180	122752	4.532	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	97275	4.526	ug/L	99
71) Naphthalene	14.084	128	155294	4.622	ug/L	97
72) 1,2,3-Trichlorobenzene	14.325	180	86366	4.610	ug/L	98

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

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