

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122723\
 Data File : VU057282.D
 Acq On : 27 Dec 2023 12:55
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005111

Quant Time: Dec 28 00:37:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 28 00:31:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	166968	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	168253	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	85572	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	93952	6.545	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 131.000%#	
7) Chloroethane-d5	1.914	69	73896	6.410	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 128.200%	
11) 1,1-Dichloroethene-d2	2.563	65	38878	6.805	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 136.200%#	
20) 2-Butanone-d5	4.634	46	172158	52.955	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 105.900%	
24) Chloroform-d	5.055	84	167960	6.580	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 131.600%#	
26) 1,2-Dichloroethane-d4	5.695	65	80531	6.173	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 123.400%	
32) Benzene-d6	5.724	84	316125	6.591	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 131.800%#	
36) 1,2-Dichloropropane-d6	6.685	67	95437	6.350	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 127.000%	
41) Toluene-d8	7.894	98	279249	6.749	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 135.000%#	
43) trans-1,3-Dichloroprop...	8.174	79	36576	6.065	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 121.400%	
46) 2-Hexanone-d5	8.631	63	144350	52.851	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 105.700%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	70155	5.558	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 111.200%	
66) 1,2-Dichlorobenzene-d4	12.187	152	87527	5.617	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 112.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	77218	6.372	ug/L	99
3) Chloromethane	1.518	50	82099	6.109	ug/L	98
5) Vinyl chloride	1.602	62	88200	6.328	ug/L	98
6) Bromomethane	1.856	94	37280	5.672	ug/L	97
8) Chloroethane	1.933	64	54193	5.998	ug/L	96
9) Trichlorofluoromethane	2.136	101	122404	6.096	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	76837	6.327	ug/L	96
12) 1,1-Dichloroethene	2.576	96	66256	6.072	ug/L	99
13) Acetone	2.647	43	91456	43.163	ug/L	94
14) Carbon disulfide	2.788	76	193773	6.227	ug/L	99
15) Methyl Acetate	2.959	43	24126	5.001	ug/L	100
16) Methylene chloride	3.042	84	79725	5.661	ug/L	97
17) Methyl tert-butyl Ether	3.357	73	150854	5.476	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	65603	6.058	ug/L	95
19) 1,1-Dichloroethane	3.862	63	139827	6.144	ug/L	98
21) 2-Butanone	4.711	43	148160	48.958	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	74459	5.949	ug/L	95
23) Bromochloromethane	4.968	128	32230	5.760	ug/L	98
25) Chloroform	5.081	83	149744	6.238	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	87757	5.834	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	130865	6.141	ug/L	99
30) Cyclohexane	5.383	56	97013	6.103	ug/L	98
31) Carbon tetrachloride	5.521	117	107720	6.026	ug/L	99
33) Benzene	5.769	78	298707	6.163	ug/L	100
34) Trichloroethene	6.537	95	77950	6.035	ug/L	98
35) Methylcyclohexane	6.759	83	102528	6.077	ug/L	99
37) 1,2-Dichloropropane	6.785	63	77888	5.775	ug/L	99
38) Bromodichloromethane	7.100	83	101310	5.824	ug/L	92
39) cis-1,3-Dichloropropene	7.602	75	104895	5.689	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	356845	51.933	ug/L	100
42) Toluene	7.965	91	313368	6.005	ug/L	96
44) trans-1,3-Dichloropropene	8.206	75	89487	5.566	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	54027	5.500	ug/L	97
47) Tetrachloroethene	8.550	164	55781	6.112	ug/L	96
48) 2-Hexanone	8.682	43	267387	52.780	ug/L	99
49) Dibromochloromethane	8.804	129	61084	5.461	ug/L	98
50) 1,2-Dibromoethane	8.920	107	48286	5.477	ug/L	96
51) Chlorobenzene	9.441	112	191323	6.031	ug/L	98
52) Ethylbenzene	9.566	91	318573	6.117	ug/L	99
53) m,p-Xylene	9.688	106	120051	6.054	ug/L	99
54) o-Xylene	10.097	106	112451	5.964	ug/L	96
55) Styrene	10.110	104	195883	6.171	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	63804	5.250	ug/L	96
59) Bromoform	10.286	173	34287	5.116	ug/L	99
60) Isopropylbenzene	10.479	105	313974	5.983	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	44206	4.948	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	244984	5.965	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	240520	5.891	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	149303	5.920	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	143856	5.604	ug/L	95
67) 1,2-Dichlorobenzene	12.206	146	134874	5.564	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	9233	4.699	ug/L	95
69) 1,3,5-Trichlorobenzene	13.216	180	101183	5.603	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	75184	5.247	ug/L	99
71) Naphthalene	14.084	128	100554	4.489	ug/L	97
72) 1,2,3-Trichlorobenzene	14.325	180	63859	5.113	ug/L	100

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

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