

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012324\
 Data File : VU057593.D
 Acq On : 24 Jan 2024 01:35
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005127

Quant Time: Jan 24 01:49:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 24 00:56:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	63170	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	57607	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	28159	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	17854	5.130	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 102.600%		
7) Chloroethane-d5	1.914	69	14200	4.869	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 97.400%		
11) 1,1-Dichloroethene-d2	2.563	65	8321	5.084	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 101.600%		
20) 2-Butanone-d5	4.637	46	36375	55.400	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 110.800%		
24) Chloroform-d	5.055	84	37103	5.252	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 105.000%		
26) 1,2-Dichloroethane-d4	5.695	65	17001	5.296	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 106.000%		
32) Benzene-d6	5.721	84	71154	5.266	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 105.400%		
36) 1,2-Dichloropropane-d6	6.685	67	21288	5.223	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 104.400%		
41) Toluene-d8	7.891	98	67059	5.228	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 104.600%		
43) trans-1,3-Dichloroprop...	8.174	79	7909	4.869	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 97.400%		
46) 2-Hexanone-d5	8.627	63	26667	51.454	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 102.900%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	14562	5.330	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 106.600%		
66) 1,2-Dichlorobenzene-d4	12.187	152	21478	5.435	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 108.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	27173	5.077	ug/L	98
3) Chloromethane	1.518	50	26826	5.009	ug/L	100
5) Vinyl chloride	1.602	62	29341	5.147	ug/L	99
6) Bromomethane	1.856	94	15247	5.130	ug/L	96
8) Chloroethane	1.933	64	17624	5.162	ug/L	97
9) Trichlorofluoromethane	2.136	101	44270	5.214	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	25087	5.083	ug/L	99
12) 1,1-Dichloroethene	2.576	96	23660	5.154	ug/L	96
13) Acetone	2.660	43	29897	47.918	ug/L	99
14) Carbon disulfide	2.792	76	75638	5.082	ug/L	100
15) Methyl Acetate	2.959	43	7999	4.983	ug/L	95
16) Methylene chloride	3.042	84	25580	5.191	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	56180	5.146	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	24952	5.160	ug/L	99
19) 1,1-Dichloroethane	3.862	63	46324	5.188	ug/L	99
21) 2-Butanone	4.714	43	46865	47.887	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	27314	5.254	ug/L	96
23) Bromochloromethane	4.968	128	10893	5.216	ug/L	96
25) Chloroform	5.081	83	48694	5.139	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	29009	5.256	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	44250	5.233	ug/L	98
30) Cyclohexane	5.383	56	42638	5.226	ug/L	97
31) Carbon tetrachloride	5.518	117	38347	5.140	ug/L	99
33) Benzene	5.769	78	104804	5.304	ug/L	100
34) Trichloroethene	6.537	95	28271	5.190	ug/L	98
35) Methylcyclohexane	6.756	83	44871	5.099	ug/L	98
37) 1,2-Dichloropropane	6.785	63	26008	5.261	ug/L	99
38) Bromodichloromethane	7.100	83	33556	5.045	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	39067	5.085	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	123042	52.163	ug/L	100
42) Toluene	7.962	91	111925	5.254	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	30829	4.938	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	17069	5.309	ug/L	97
47) Tetrachloroethene	8.547	164	20956	5.235	ug/L	97
48) 2-Hexanone	8.679	43	84053	50.783	ug/L	96
49) Dibromochloromethane	8.804	129	21479	5.159	ug/L	100
50) 1,2-Dibromoethane	8.917	107	16076	5.152	ug/L	100
51) Chlorobenzene	9.441	112	70620	5.285	ug/L	100
52) Ethylbenzene	9.563	91	126050	5.251	ug/L	99
53) m,p-Xylene	9.688	106	45208	5.104	ug/L	98
54) o-Xylene	10.094	106	44971	5.208	ug/L	100
55) Styrene	10.110	104	69180	5.237	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	20108	5.155	ug/L	98
59) Bromoform	10.283	173	11418	4.991	ug/L	99
60) Isopropylbenzene	10.476	105	111829	5.069	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	14041	4.968	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	99909	5.081	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	99714	5.068	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	50955	5.060	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	49034	5.087	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	44472	4.949	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	3059	5.750	ug/L	96
69) 1,3,5-Trichlorobenzene	13.212	180	35622	4.819	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	26111	4.822	ug/L	99
71) Naphthalene	14.081	128	37354	4.873	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	20261	4.807	ug/L	96

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

