

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121623\
 Data File : VU056962.D
 Acq On : 17 Dec 2023 07:31
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005089

Quant Time: Dec 18 00:38:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 18 00:34:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	214266	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	211227	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	110864	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	89406	4.868	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.400%	
7) Chloroethane-d5	1.910	69	74504	5.421	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	108.400%	
11) 1,1-Dichloroethene-d2	2.560	65	39650	5.046	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	101.000%	
20) 2-Butanone-d5	4.624	46	224217	61.818	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	123.640%	
24) Chloroform-d	5.055	84	197195	5.670	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	113.400%	
26) 1,2-Dichloroethane-d4	5.695	65	90224	5.482	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	109.600%	
32) Benzene-d6	5.721	84	369780	5.644	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	112.800%	
36) 1,2-Dichloropropane-d6	6.685	67	112216	5.472	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	109.400%	
41) Toluene-d8	7.894	98	320843	5.479	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	109.600%	
43) trans-1,3-Dichloroprop...	8.174	79	40438	5.085	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	101.600%	
46) 2-Hexanone-d5	8.627	63	196535	65.526	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	131.060%#	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	86516	5.831	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	116.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	110990	5.093	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	116347	5.182	ug/L	100
3) Chloromethane	1.515	50	128240	5.809	ug/L	97
5) Vinyl chloride	1.602	62	126415	5.766	ug/L	99
6) Bromomethane	1.853	94	58299	4.510	ug/L	100
8) Chloroethane	1.930	64	70169	5.464	ug/L	94
9) Trichlorofluoromethane	2.132	101	174265	5.640	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	106042	5.596	ug/L	98
12) 1,1-Dichloroethene	2.576	96	100904	5.801	ug/L	87
13) Acetone	2.634	43	129743	58.697	ug/L	98
14) Carbon disulfide	2.788	76	313932	5.201	ug/L	99
15) Methyl Acetate	2.949	43	35342	5.874	ug/L	97
16) Methylene chloride	3.039	84	111298	5.873	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	223369	5.791	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	102538	5.814	ug/L	97
19) 1,1-Dichloroethane	3.862	63	198212	5.842	ug/L	98
21) 2-Butanone	4.705	43	213578	57.297	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	114214	5.952	ug/L	98
23) Bromochloromethane	4.968	128	47740	5.943	ug/L	96
25) Chloroform	5.081	83	208610	5.870	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	116962	5.565	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	181465	5.943	ug/L	99
30) Cyclohexane	5.380	56	158569	5.533	ug/L	100
31) Carbon tetrachloride	5.518	117	154477	5.821	ug/L	99
33) Benzene	5.766	78	444715	5.991	ug/L	100
34) Trichloroethene	6.537	95	117799	5.785	ug/L	97
35) Methylcyclohexane	6.756	83	157981	5.257	ug/L	100
37) 1,2-Dichloropropane	6.785	63	116369	6.128	ug/L	99
38) Bromodichloromethane	7.100	83	142904	5.901	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	149002	5.384	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	547884	60.761	ug/L	99
42) Toluene	7.965	91	472585	6.153	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	124210	5.476	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	76672	5.972	ug/L	97
47) Tetrachloroethene	8.547	164	82378	5.780	ug/L	98
48) 2-Hexanone	8.679	43	396016	61.664	ug/L	99
49) Dibromochloromethane	8.804	129	87851	5.953	ug/L	98
50) 1,2-Dibromoethane	8.917	107	71210	5.977	ug/L	96
51) Chlorobenzene	9.441	112	306736	6.266	ug/L	97
52) Ethylbenzene	9.566	91	494827	5.840	ug/L	99
53) m,p-Xylene	9.688	106	188596	5.974	ug/L	100
54) o-Xylene	10.097	106	182022	6.052	ug/L	96
55) Styrene	10.110	104	315610	6.391	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	93075	6.001	ug/L	99
59) Bromoform	10.283	173	49706	5.491	ug/L	98
60) Isopropylbenzene	10.479	105	488649	5.579	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	63752	5.356	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	387688	5.416	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	396284	5.574	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	232802	5.619	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	366497	8.983	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	682882	18.092	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	14129	5.945	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	158275	5.055	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	120491	4.860	ug/L	98
71) Naphthalene	14.080	128	166457	4.588	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	104175	4.949	ug/L	98

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

