

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
 Data File : VU056892.D
 Acq On : 15 Dec 2023 20:26
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005085

Quant Time: Dec 15 22:28:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	235899	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	238274	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	118221	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	119259	5.898	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	118.000%	
7) Chloroethane-d5	1.907	69	88376	5.841	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	116.800%	
11) 1,1-Dichloroethene-d2	2.560	65	50793	5.871	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	117.400%	
20) 2-Butanone-d5	4.621	46	237455	59.464	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	118.920%	
24) Chloroform-d	5.055	84	231883	6.056	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	121.200%	
26) 1,2-Dichloroethane-d4	5.695	65	108904	6.010	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	120.200%	
32) Benzene-d6	5.721	84	442517	5.988	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	119.800%	
36) 1,2-Dichloropropane-d6	6.685	67	132344	5.721	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	114.400%	
41) Toluene-d8	7.894	98	388441	5.881	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	117.600%	
43) trans-1,3-Dichloroprop...	8.174	79	50340	5.612	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	112.200%	
46) 2-Hexanone-d5	8.627	63	208603	61.655	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	123.300%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	100042	5.977	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	119.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	132497	5.701	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	114.000%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	126493	5.117	ug/L	96
3) Chloromethane	1.515	50	135474	5.574	ug/L	98
5) Vinyl chloride	1.602	62	127486	5.282	ug/L	98
6) Bromomethane	1.853	94	65637	4.612	ug/L	93
8) Chloroethane	1.930	64	72462	5.125	ug/L	99
9) Trichlorofluoromethane	2.132	101	182033	5.351	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	111410	5.340	ug/L	98
12) 1,1-Dichloroethene	2.576	96	101285	5.288	ug/L	96
13) Acetone	2.631	43	125979	51.768	ug/L	97
14) Carbon disulfide	2.788	76	332688	5.007	ug/L	99
15) Methyl Acetate	2.949	43	34574	5.219	ug/L	98
16) Methylene chloride	3.039	84	111234	5.331	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	220597	5.195	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	104351	5.374	ug/L	96
19) 1,1-Dichloroethane	3.862	63	202715	5.427	ug/L	98
21) 2-Butanone	4.698	43	215382	52.482	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	111445	5.275	ug/L	98
23) Bromochloromethane	4.968	128	47722	5.396	ug/L	97
25) Chloroform	5.081	83	213626	5.459	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	121285	5.241	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	184043	5.343	ug/L	98
30) Cyclohexane	5.383	56	162533	5.028	ug/L	99
31) Carbon tetrachloride	5.518	117	158357	5.290	ug/L	97
33) Benzene	5.766	78	451381	5.390	ug/L	100
34) Trichloroethene	6.537	95	117924	5.134	ug/L	99
35) Methylcyclohexane	6.756	83	170310	5.024	ug/L	97
37) 1,2-Dichloropropane	6.785	63	115533	5.393	ug/L	99
38) Bromodichloromethane	7.100	83	145937	5.342	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	158305	5.071	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	530011	52.107	ug/L	98
42) Toluene	7.965	91	472238	5.450	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	130050	5.082	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	75242	5.196	ug/L	96
47) Tetrachloroethene	8.547	164	84402	5.250	ug/L	95
48) 2-Hexanone	8.679	43	394679	54.480	ug/L	99
49) Dibromochloromethane	8.804	129	87507	5.257	ug/L	97
50) 1,2-Dibromoethane	8.920	107	71223	5.299	ug/L	95
51) Chlorobenzene	9.441	112	289602	5.244	ug/L	98
52) Ethylbenzene	9.566	91	500184	5.233	ug/L	100
53) m,p-Xylene	9.688	106	185288	5.203	ug/L	97
54) o-Xylene	10.097	106	179289	5.285	ug/L	99
55) Styrene	10.110	104	313446	5.627	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	91945	5.255	ug/L	100
59) Bromoform	10.286	173	51231	5.307	ug/L	99
60) Isopropylbenzene	10.479	105	489906	5.245	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	65163	5.133	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	379886	4.976	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	382994	5.051	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	225145	5.096	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	227208	5.222	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	212248	5.273	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	12956	5.112	ug/L	92
69) 1,3,5-Trichlorobenzene	13.212	180	154192	4.619	ug/L	100
70) 1,2,4-trichlorobenzene	13.836	180	118547	4.484	ug/L	99
71) Naphthalene	14.080	128	146527	3.787	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	97172	4.329	ug/L	99

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

