

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011623\
 Data File : VU052695.D
 Acq On : 16 Jan 2023 11:09
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005126

Quant Time: Jan 17 05:32:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 11 00:53:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	148331	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	143385	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	79450	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	41914	3.216	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.400%
7) Chloroethane-d5	1.916	69	40512	3.816	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.400%
11) 1,1-Dichloroethene-d2	2.568	65	22458	3.913	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.200%
20) 2-Butanone-d5	4.636	46	159470	45.768	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.540%
24) Chloroform-d	5.060	84	114867	4.725	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.697	65	58519	4.688	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.723	84	220788	4.751	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	6.687	67	71408	4.611	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.896	98	200005	4.881	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	8.176	79	27504	4.775	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.629	63	120729	50.463	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.920%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	57518	4.851	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	70103	4.847	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	75781	4.755	ug/L	99
3) Chloromethane	1.520	50	68128	3.520	ug/L	100
5) Vinyl chloride	1.604	62	74165	4.006	ug/L	99
6) Bromomethane	1.858	94	29620	3.082	ug/L	99
8) Chloroethane	1.935	64	47572	4.226	ug/L	96
9) Trichlorofluoromethane	2.141	101	105403	4.829	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	61541	4.793	ug/L	95
12) 1,1-Dichloroethene	2.581	96	58983	4.586	ug/L	88
13) Acetone	2.655	43	116018	46.427	ug/L	99
14) Carbon disulfide	2.793	76	207230	4.663	ug/L	98
15) Methyl Acetate	2.957	43	28027	4.678	ug/L	99
16) Methylene chloride	3.044	84	75345	4.403	ug/L	93
17) Methyl tert-butyl Ether	3.359	73	141586	4.975	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	65803	5.017	ug/L	92
19) 1,1-Dichloroethane	3.864	63	125926	4.624	ug/L	99
21) 2-Butanone	4.716	43	184933	45.972	ug/L	95
22) cis-1,2-Dichloroethene	4.665	96	70184	4.983	ug/L	96
23) Bromochloromethane	4.970	128	30571	5.127	ug/L	89
25) Chloroform	5.083	83	126396	4.721	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	78750	4.854	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	106428	4.731	ug/L	98
30) Cyclohexane	5.388	56	108929	4.812	ug/L	97
31) Carbon tetrachloride	5.520	117	90900	5.157	ug/L	99
33) Benzene	5.771	78	286123	5.042	ug/L	100
34) Trichloroethene	6.539	95	70511	5.252	ug/L	98
35) Methylcyclohexane	6.761	83	112398	5.071	ug/L	97
37) 1,2-Dichloropropane	6.787	63	73290	4.812	ug/L	99
38) Bromodichloromethane	7.102	83	88768	4.950	ug/L	95
39) cis-1,3-Dichloropropene	7.604	75	97224	5.029	ug/L	97
40) 4-Methyl-2-pentanone	7.787	43	416038	47.762	ug/L	97
42) Toluene	7.967	91	294276	5.205	ug/L	97
44) trans-1,3-Dichloropropene	8.205	75	81355	4.875	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	47029	4.909	ug/L	98
47) Tetrachloroethene	8.549	164	53292	5.388	ug/L	94
48) 2-Hexanone	8.681	43	317959	49.853	ug/L	97
49) Dibromochloromethane	8.806	129	57653	5.205	ug/L	98
50) 1,2-Dibromoethane	8.919	107	45195	5.132	ug/L	97
51) Chlorobenzene	9.443	112	180218	5.117	ug/L	99
52) Ethylbenzene	9.568	91	302265	5.249	ug/L	100
53) m,p-Xylene	9.690	106	121775	5.582	ug/L	96
54) o-Xylene	10.095	106	113372	5.435	ug/L	97
55) Styrene	10.112	104	195758	5.502	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.780	83	59498	4.754	ug/L	99
59) Bromoform	10.288	173	30995	5.017	ug/L	98
60) Isopropylbenzene	10.481	105	302588	5.373	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	42281	4.579	ug/L	92
62) 1,3,5-Trimethylbenzene	11.086	105	239923	5.342	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	244370	5.401	ug/L	98
64) 1,3-Dichlorobenzene	11.742	146	138319	5.163	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	139725	5.113	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	127054	5.040	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.989	75	9749	4.578	ug/L #	86
69) 1,3,5-Trichlorobenzene	13.214	180	102839	5.168	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	82644	5.178	ug/L	98
71) Naphthalene	14.082	128	131602	4.750	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	73997	5.061	ug/L	98

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

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