

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091523\
 Data File : VU055341.D
 Acq On : 15 Sep 2023 15:34
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005127

Quant Time: Sep 16 00:36:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 16 00:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	231649	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	230517	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	124458	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	66620	5.004	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 100.000%	
7) Chloroethane-d5	1.907	69	82676	5.501	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 110.000%	
11) 1,1-Dichloroethene-d2	2.554	65	24851	5.160	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 103.200%	
20) 2-Butanone-d5	4.637	46	214765	58.331	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 116.660%	
24) Chloroform-d	5.058	84	159485	5.363	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 107.200%	
26) 1,2-Dichloroethane-d4	5.698	65	80618	5.373	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 107.400%	
32) Benzene-d6	5.721	84	282184	5.840	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 116.800%	
36) 1,2-Dichloropropane-d6	6.685	67	93723	5.692	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 113.800%	
41) Toluene-d8	7.894	98	238247	5.719	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 114.400%	
43) trans-1,3-Dichloroprop...	8.177	79	33322	5.703	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 114.000%	
46) 2-Hexanone-d5	8.640	63	144601	68.029	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 136.060%#	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	82063	5.731	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 114.600%	
66) 1,2-Dichlorobenzene-d4	12.193	152	92834	5.792	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 115.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	102663	4.644	ug/L	98
3) Chloromethane	1.518	50	100798	4.739	ug/L	96
5) Vinyl chloride	1.602	62	107301	4.671	ug/L	98
6) Bromomethane	1.856	94	79685	4.548	ug/L	96
8) Chloroethane	1.930	64	100329	5.430	ug/L	97
9) Trichlorofluoromethane	2.123	101	250499	6.816	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	85202	4.648	ug/L	97
12) 1,1-Dichloroethene	2.567	96	80048	4.915	ug/L	94
13) Acetone	2.647	43	117052	49.299	ug/L	99
14) Carbon disulfide	2.779	76	239480	4.651	ug/L	99
15) Methyl Acetate	2.952	43	29291	5.226	ug/L	93
16) Methylene chloride	3.036	84	103410	4.261	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	203595	5.214	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	88957	4.967	ug/L	98
19) 1,1-Dichloroethane	3.859	63	173457	4.979	ug/L	97
21) 2-Butanone	4.714	43	197093	50.141	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	103832	4.951	ug/L	98
23) Bromochloromethane	4.968	128	43821	5.140	ug/L	96
25) Chloroform	5.081	83	181102	4.801	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	112846	4.825	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	154487	5.274	ug/L	99
30) Cyclohexane	5.380	56	147796	5.345	ug/L	96
31) Carbon tetrachloride	5.518	117	128588	5.161	ug/L	99
33) Benzene	5.769	78	402581	5.276	ug/L	100
34) Trichloroethene	6.537	95	108898	5.015	ug/L	94
35) Methylcyclohexane	6.759	83	167181	5.296	ug/L	99
37) 1,2-Dichloropropane	6.785	63	103594	5.170	ug/L	99
38) Bromodichloromethane	7.103	83	121272	5.072	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	143850	5.283	ug/L	100
40) 4-Methyl-2-pentanone	7.791	43	517123	54.389	ug/L	98
42) Toluene	7.965	91	436246	5.218	ug/L	99
44) trans-1,3-Dichloropropene	8.209	75	113066	5.295	ug/L	94
45) 1,1,2-Trichloroethane	8.396	97	72817	5.243	ug/L	95
47) Tetrachloroethene	8.550	164	78234	5.256	ug/L	97
48) 2-Hexanone	8.692	43	420270	58.650	ug/L	97
49) Dibromochloromethane	8.807	129	73982	5.206	ug/L	100
50) 1,2-Dibromoethane	8.920	107	67468	5.209	ug/L	98
51) Chlorobenzene	9.444	112	276881	5.134	ug/L	98
52) Ethylbenzene	9.566	91	475228	5.176	ug/L	99
53) m,p-Xylene	9.692	106	186005	5.356	ug/L	100
54) o-Xylene	10.097	106	180678	5.484	ug/L	98
55) Styrene	10.113	104	294870	5.359	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.782	83	79521	5.206	ug/L	97
59) Bromoform	10.290	173	38131	5.263	ug/L	98
60) Isopropylbenzene	10.483	105	477006	5.249	ug/L	99
61) 1,2,3-Trichloropropane	10.823	75	62436	5.180	ug/L	98
62) 1,3,5-Trimethylbenzene	11.087	105	376586	5.391	ug/L	99
63) 1,2,4-Trimethylbenzene	11.466	105	388349	5.476	ug/L	99
64) 1,3-Dichlorobenzene	11.746	146	215468	5.147	ug/L	99
65) 1,4-Dichlorobenzene	11.836	146	211972	5.181	ug/L	98
67) 1,2-Dichlorobenzene	12.212	146	197983	5.275	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	10114	4.907	ug/L	91
69) 1,3,5-Trichlorobenzene	13.219	180	146425	5.134	ug/L	99
70) 1,2,4-trichlorobenzene	13.839	180	113445	5.183	ug/L	100
71) Naphthalene	14.087	128	179189	5.693	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	101117	5.336	ug/L	98

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

