

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U092023\
 Data File : VU055436.D
 Acq On : 20 Sep 2023 19:44
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005136

Quant Time: Sep 21 00:32:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 21 00:26:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	266520	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.416	117	270766	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	154421	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	115948	4.304	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.000%
7) Chloroethane-d5	1.911	69	104721	4.411	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	2.564	65	48182	4.346	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.000%
20) 2-Butanone-d5	4.628	46	257690	52.963	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.920%
24) Chloroform-d	5.059	84	246500	5.059	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	5.699	65	121670	5.191	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.724	84	483107	5.101	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
36) 1,2-Dichloropropane-d6	6.689	67	143856	5.084	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.600%
41) Toluene-d8	7.895	98	441774	5.118	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
43) trans-1,3-Dichloroprop...	8.178	79	51947	5.231	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.600%
46) 2-Hexanone-d5	8.631	63	160686	53.198	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.400%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	112301	5.295	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	160988	5.165	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.384	85	111756	4.307	ug/L	99
3) Chloromethane	1.516	50	99256	4.348	ug/L	99
5) Vinyl chloride	1.599	62	107786	4.377	ug/L	97
6) Bromomethane	1.856	94	69605	4.450	ug/L	97
8) Chloroethane	1.930	64	68094	4.237	ug/L	100
9) Trichlorofluoromethane	2.133	101	151987	4.451	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.577	101	92396	4.446	ug/L	98
12) 1,1-Dichloroethene	2.577	96	82113	4.407	ug/L	92
13) Acetone	2.641	43	111924	40.356	ug/L	97
14) Carbon disulfide	2.789	76	248081	4.429	ug/L	99
15) Methyl Acetate	2.953	43	28168	4.455	ug/L	95
16) Methylene chloride	3.040	84	106220	4.758	ug/L	96
17) Methyl tert-butyl Ether	3.358	73	184106	4.554	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	86134	4.586	ug/L	95
19) 1,1-Dichloroethane	3.866	63	158712	4.569	ug/L	98
21) 2-Butanone	4.708	43	177163	43.553	ug/L	94
22) cis-1,2-Dichloroethene	4.663	96	95308	4.377	ug/L	97
23) Bromochloromethane	4.972	128	40933	4.447	ug/L	98
25) Chloroform	5.085	83	170417	4.633	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	104720	4.643	ug/L	100
29) 1,1,1-Trichloroethane	5.313	97	144533	4.682	ug/L	98
30) Cyclohexane	5.384	56	125012	4.424	ug/L	98
31) Carbon tetrachloride	5.522	117	124845	4.719	ug/L	96
33) Benzene	5.769	78	367852	4.720	ug/L	100
34) Trichloroethene	6.541	95	100655	4.566	ug/L	97
35) Methylcyclohexane	6.760	83	139670	4.398	ug/L	99
37) 1,2-Dichloropropane	6.785	63	93353	4.580	ug/L	99
38) Bromodichloromethane	7.104	83	113491	4.752	ug/L	96
39) cis-1,3-Dichloropropene	7.605	75	126591	4.654	ug/L	99
40) 4-Methyl-2-pentanone	7.789	43	429376	46.443	ug/L	100
42) Toluene	7.965	91	397126	4.777	ug/L	99
44) trans-1,3-Dichloropropene	8.207	75	101989	4.686	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	67301	4.710	ug/L	95
47) Tetrachloroethene	8.551	164	73206	4.629	ug/L	96
48) 2-Hexanone	8.682	43	342900	47.856	ug/L	99
49) Dibromochloromethane	8.808	129	71890	4.799	ug/L	93
50) 1,2-Dibromoethane	8.920	107	63595	4.795	ug/L #	96
51) Chlorobenzene	9.444	112	246448	4.629	ug/L	98
52) Ethylbenzene	9.567	91	407079	4.568	ug/L	98
53) m,p-Xylene	9.692	106	159389	4.773	ug/L	100
54) o-Xylene	10.097	106	151769	4.674	ug/L	95
55) Styrene	10.113	104	254269	4.843	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.779	83	74460	4.616	ug/L	97
59) Bromoform	10.287	173	37443	4.524	ug/L	99
60) Isopropylbenzene	10.480	105	402009	4.517	ug/L	99
61) 1,2,3-Trichloropropane	10.821	75	55775	4.627	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	317229	4.457	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	312284	4.483	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	190349	4.467	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	192206	4.513	ug/L	98
67) 1,2-Dichlorobenzene	12.210	146	179113	4.585	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	10164	4.864	ug/L	87
69) 1,3,5-Trichlorobenzene	13.216	180	124249	4.234	ug/L	98
70) 1,2,4-trichlorobenzene	13.840	180	96379	4.308	ug/L	98
71) Naphthalene	14.084	128	130735	4.037	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	82325	4.229	ug/L	99

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

