

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U091823\
 Data File : VU055365.D
 Acq On : 18 Sep 2023 10:37
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005130

Quant Time: Sep 19 01:03:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Sep 18 19:15:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	216584	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	221709	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	123370	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	44089	3.542	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.800%
7) Chloroethane-d5	1.911	69	59929	4.265	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.560	65	15247	3.386	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.800%
20) 2-Butanone-d5	4.631	46	211430	61.420	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.840%
24) Chloroform-d	5.059	84	127480	4.585	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.698	65	65007	4.634	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.724	84	186314	4.009	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	6.689	67	72992	4.609	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.898	98	141002	3.519	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.400%
43) trans-1,3-Dichloroprop...	8.177	79	28064	4.994	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.800%
46) 2-Hexanone-d5	8.634	63	140327	68.641	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	137.280%#
56) 1,1,2,2-Tetrachloroeth...	10.756	84	77408	5.621	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	72215	4.545	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	94380	4.567	ug/L	97
3) Chloromethane	1.515	50	94648	4.759	ug/L	98
5) Vinyl chloride	1.602	62	101470	4.725	ug/L	97
6) Bromomethane	1.856	94	74691	4.560	ug/L	96
8) Chloroethane	1.930	64	92001	5.326	ug/L	96
9) Trichlorofluoromethane	2.129	101	188754	5.493	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	82265	4.800	ug/L	99
12) 1,1-Dichloroethene	2.573	96	74612	4.900	ug/L	94
13) Acetone	2.644	43	116669	52.555	ug/L	97
14) Carbon disulfide	2.785	76	235477	4.891	ug/L	100
15) Methyl Acetate	2.953	43	29287	5.589	ug/L	91
16) Methylene chloride	3.039	84	95605	4.214	ug/L	96
17) Methyl tert-butyl Ether	3.358	73	184960	5.066	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	81214	4.851	ug/L	98
19) 1,1-Dichloroethane	3.862	63	161610	4.962	ug/L	100
21) 2-Butanone	4.711	43	195371	53.160	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	96265	4.909	ug/L	97
23) Bromochloromethane	4.972	128	38123	4.783	ug/L	84
25) Chloroform	5.084	83	171380	4.859	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	105133	4.808	ug/L	98
29) 1,1,1-Trichloroethane	5.313	97	147731	5.244	ug/L	98
30) Cyclohexane	5.383	56	139660	5.251	ug/L	100
31) Carbon tetrachloride	5.518	117	121461	5.069	ug/L	98
33) Benzene	5.772	78	373492	5.090	ug/L	100
34) Trichloroethene	6.538	95	100647	4.819	ug/L	96
35) Methylcyclohexane	6.763	83	154454	5.088	ug/L	99
37) 1,2-Dichloropropane	6.788	63	98302	5.101	ug/L	99
38) Bromodichloromethane	7.104	83	119072	5.178	ug/L	96
39) cis-1,3-Dichloropropene	7.605	75	138493	5.288	ug/L	100
40) 4-Methyl-2-pentanone	7.792	43	502706	54.974	ug/L	98
42) Toluene	7.968	91	411526	5.117	ug/L	99
44) trans-1,3-Dichloropropene	8.210	75	109541	5.334	ug/L	95
45) 1,1,2-Trichloroethane	8.396	97	67382	5.044	ug/L	96
47) Tetrachloroethene	8.550	164	70233	4.906	ug/L	97
48) 2-Hexanone	8.689	43	377604	54.790	ug/L	98
49) Dibromochloromethane	8.808	129	73711	5.393	ug/L	100
50) 1,2-Dibromoethane	8.920	107	65733	5.277	ug/L #	96
51) Chlorobenzene	9.444	112	254950	4.915	ug/L	98
52) Ethylbenzene	9.570	91	437776	4.958	ug/L	99
53) m,p-Xylene	9.692	106	170312	5.099	ug/L	97
54) o-Xylene	10.100	106	163717	5.166	ug/L	96
55) Styrene	10.113	104	275679	5.209	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.782	83	81877	5.573	ug/L	96
59) Bromoform	10.290	173	38300	5.333	ug/L	98
60) Isopropylbenzene	10.483	105	434143	4.820	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	58708	4.914	ug/L	98
62) 1,3,5-Trimethylbenzene	11.087	105	338637	4.891	ug/L	100
63) 1,2,4-Trimethylbenzene	11.467	105	349425	4.971	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	200491	4.831	ug/L	100
65) 1,4-Dichlorobenzene	11.836	146	200254	4.938	ug/L	98
67) 1,2-Dichlorobenzene	12.213	146	185089	4.975	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	11130	5.448	ug/L	94
69) 1,3,5-Trichlorobenzene	13.216	180	129854	4.593	ug/L	99
70) 1,2,4-trichlorobenzene	13.840	180	98057	4.519	ug/L	99
71) Naphthalene	14.084	128	153172	4.910	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	87168	4.641	ug/L	100

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

