

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091021\
 Data File : VU044618.D
 Acq On : 10 Sep 2021 09:21
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005104

Manual Integrations
 APPROVED

MMDadoda
 9/13/2021 4:30:28 PM

Quant Time: Sep 11 00:21:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 10 01:38:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.257	114	147849	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	146494	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	75198	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	43375	4.972	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.400%
7) Chloroethane-d5	1.919	69	42835	4.811	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	2.575	65	21330	4.841	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.800%
20) 2-Butanone-d5	4.642	46	185255m	50.659	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.320%
24) Chloroform-d	5.073	84	89234	4.863	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.710	65	53502	4.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.736	84	183498	4.913	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	6.697	67	60298	4.915	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.903	98	164265	5.052	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
43) trans-1,3-Dichloroprop...	8.186	79	22580	5.222	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.400%
46) 2-Hexanone-d5	8.642	63	141912	51.063	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.120%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	53828	4.949	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	12.198	152	59025	4.757	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.389	85	60925	5.167	ug/L	100
3) Chloromethane	1.524	50	72658	5.126	ug/L	98
5) Vinyl chloride	1.607	62	76621	5.300	ug/L	97
6) Bromomethane	1.864	94	37975	5.126	ug/L	99
8) Chloroethane	1.942	64	48722	5.288	ug/L	99
9) Trichlorofluoromethane	2.144	101	88782	5.454	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	54262	5.430	ug/L	99
12) 1,1-Dichloroethene	2.588	96	51157	5.386	ug/L	94
13) Acetone	2.649	43	124687m	52.350	ug/L	
14) Carbon disulfide	2.800	76	155817	5.182	ug/L	99
15) Methyl Acetate	2.964	43	21739	5.055	ug/L	98
16) Methylene chloride	3.054	84	65527	4.338	ug/L	98
17) Methyl tert-butyl Ether	3.376	73	138915	5.291	ug/L	100
18) trans-1,2-Dichloroethene	3.363	96	53620	5.311	ug/L	98
19) 1,1-Dichloroethane	3.880	63	108255	5.303	ug/L	98
21) 2-Butanone	4.723	43	216673m	54.483	ug/L	
22) cis-1,2-Dichloroethene	4.675	96	58606	5.265	ug/L	97
23) Bromochloromethane	4.983	128	25461	5.399	ug/L	95
25) Chloroform	5.096	83	114201	5.250	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	74886	5.258	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	87253	5.466	ug/L	99
30) Cyclohexane	5.398	56	97312	5.323	ug/L	99
31) Carbon tetrachloride	5.533	117	68271	5.465	ug/L	99
33) Benzene	5.784	78	237374	5.460	ug/L	100
34) Trichloroethene	6.549	95	56959	5.292	ug/L	97
35) Methylcyclohexane	6.771	83	95837	5.418	ug/L	99
37) 1,2-Dichloropropane	6.797	63	62924	5.401	ug/L	100
38) Bromodichloromethane	7.112	83	78502	5.557	ug/L	96
39) cis-1,3-Dichloropropene	7.613	75	88001	5.332	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	507607	55.976	ug/L	98
42) Toluene	7.974	91	249666	5.498	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	78570	5.579	ug/L	99
45) 1,1,2-Trichloroethane	8.408	97	46131	5.569	ug/L	98
47) Tetrachloroethene	8.559	164	40397	5.405	ug/L	98
48) 2-Hexanone	8.694	43	373672	55.361	ug/L	99
49) Dibromochloromethane	8.816	129	48936	5.623	ug/L	99
50) 1,2-Dibromoethane	8.932	107	43671	5.600	ug/L	96
51) Chlorobenzene	9.453	112	150551	5.348	ug/L	99
52) Ethylbenzene	9.575	91	263756	5.363	ug/L	99
53) m,p-Xylene	9.700	106	101549	5.430	ug/L	99
54) o-Xylene	10.105	106	97639	5.465	ug/L	99
55) Styrene	10.118	104	173610	5.551	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	62073	5.581	ug/L	98
59) Bromoform	10.298	173	26805	5.735	ug/L	100
60) Isopropylbenzene	10.491	105	260074	5.525	ug/L	100
61) 1,2,3-Trichloropropane	10.829	75	46007	5.537	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	215277	5.507	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	224098	5.582	ug/L	99
64) 1,3-Dichlorobenzene	11.752	146	118984	5.421	ug/L	99
65) 1,4-Dichlorobenzene	11.842	146	121663	5.373	ug/L	97
67) 1,2-Dichlorobenzene	12.218	146	112746	5.412	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	9874	5.404	ug/L	86
69) 1,3,5-Trichlorobenzene	13.224	180	87104	5.221	ug/L	99
70) 1,2,4-trichlorobenzene	13.845	180	71997	5.116	ug/L	99
71) Naphthalene	14.092	128	129412	4.713	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	66353	5.122	ug/L	99

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

