

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092221\
 Data File : VU044770.D
 Acq On : 22 Sep 2021 19:52
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005119

Quant Time: Sep 23 03:06:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 23 02:59:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	127733	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	127260	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	66687	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	30313	4.022	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.400%
7) Chloroethane-d5	1.916	69	29637	3.853	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.000%
11) 1,1-Dichloroethene-d2	2.572	65	13574	3.566	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.400%
20) 2-Butanone-d5	4.642	46	138983	43.991	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.980%
24) Chloroform-d	5.070	84	72351	4.564	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.710	65	41556	4.396	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	5.732	84	129201	3.982	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
36) 1,2-Dichloropropane-d6	6.697	67	45548	4.274	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.400%
41) Toluene-d8	7.903	98	111976	3.964	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
43) trans-1,3-Dichloroprop...	8.186	79	15902	4.233	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.642	63	107435	44.500	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.000%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	42669	4.516	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	12.198	152	44977	4.087	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	43812	4.301	ug/L	99
3) Chloromethane	1.520	50	56968	4.652	ug/L	99
5) Vinyl chloride	1.607	62	58491	4.683	ug/L	96
6) Bromomethane	1.861	94	29461	4.603	ug/L	97
8) Chloroethane	1.938	64	40603	5.101	ug/L	98
9) Trichlorofluoromethane	2.141	101	74875	5.324	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	45073	5.220	ug/L	99
12) 1,1-Dichloroethene	2.584	96	39193	4.776	ug/L	91
13) Acetone	2.646	43	103051	50.080	ug/L	90
14) Carbon disulfide	2.800	76	101817	3.919	ug/L	100
15) Methyl Acetate	2.961	43	21917	5.899	ug/L	95
16) Methylene chloride	3.051	84	60425	4.631	ug/L	97
17) Methyl tert-butyl Ether	3.372	73	114372	5.042	ug/L	99
18) trans-1,2-Dichloroethene	3.363	96	42311	4.850	ug/L	97
19) 1,1-Dichloroethane	3.877	63	95064	5.390	ug/L	97
21) 2-Butanone	4.719	43	170538	49.635	ug/L	82
22) cis-1,2-Dichloroethene	4.674	96	50203	5.220	ug/L	97
23) Bromochloromethane	4.983	128	22148	5.437	ug/L	97
25) Chloroform	5.096	83	95810	5.098	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	65173	5.297	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	75764	5.464	ug/L	98
30) Cyclohexane	5.395	56	70117	4.415	ug/L	98
31) Carbon tetrachloride	5.533	117	58571	5.397	ug/L	99
33) Benzene	5.780	78	196841	5.212	ug/L	100
34) Trichloroethene	6.546	95	47821	5.115	ug/L	98
35) Methylcyclohexane	6.768	83	69858	4.547	ug/L	99
37) 1,2-Dichloropropane	6.797	63	55753	5.509	ug/L	100
38) Bromodichloromethane	7.112	83	66292	5.402	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	69556	4.851	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	404211	51.311	ug/L	100
42) Toluene	7.973	91	202683	5.138	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	61779	5.049	ug/L	100
45) 1,1,2-Trichloroethane	8.404	97	39533	5.494	ug/L	98
47) Tetrachloroethene	8.559	164	32455	4.999	ug/L	99
48) 2-Hexanone	8.694	43	295354	50.371	ug/L	99
49) Dibromochloromethane	8.816	129	40959	5.418	ug/L	98
50) 1,2-Dibromoethane	8.928	107	34897	5.151	ug/L	97
51) Chlorobenzene	9.452	112	126396	5.168	ug/L	98
52) Ethylbenzene	9.575	91	213684	5.001	ug/L	99
53) m,p-Xylene	9.697	106	80787	4.972	ug/L	99
54) o-Xylene	10.105	106	79460	5.120	ug/L	97
55) Styrene	10.118	104	140398	5.168	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	51930	5.375	ug/L	97
59) Bromoform	10.295	173	21390	5.161	ug/L	99
60) Isopropylbenzene	10.488	105	210084	5.033	ug/L	100
61) 1,2,3-Trichloropropane	10.829	75	38522	5.228	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	169996	4.904	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	170572	4.791	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	96999	4.984	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	97847	4.873	ug/L	96
67) 1,2-Dichlorobenzene	12.218	146	92563	5.010	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	7460	4.603	ug/L	87
69) 1,3,5-Trichlorobenzene	13.224	180	67470	4.560	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	53114	4.256	ug/L	99
71) Naphthalene	14.092	128	94257	3.871	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	50917	4.432	ug/L	100

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

