

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
 Data File : VU043853.D
 Acq On : 20 May 2021 09:48
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005150

Quant Time: May 21 01:11:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 20 03:54:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	225884	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	229643	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	130244	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	71232	4.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.60%
7) Chloroethane-d5	1.919	69	53410	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.572	65	32055	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.80%
20) 2-Butanone-d5	4.645	46	165720	52.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.66%
24) Chloroform-d	5.073	84	132842	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.713	65	68048	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.735	84	277335	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.700	67	87259	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.906	98	260144	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloroprop...	8.189	79	32522	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.645	63	146278	47.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.14%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	74345	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
66) 1,2-Dichlorobenzene-d4	12.201	152	99317	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	90966	5.53	ug/L	99
3) Chloromethane	1.523	50	97210	5.03	ug/L	99
5) Vinyl chloride	1.607	62	102905	5.37	ug/L	99
6) Bromomethane	1.861	94	57121	5.05	ug/L	99
8) Chloroethane	1.938	64	57242	5.31	ug/L	100
9) Trichlorofluoromethane	2.144	101	125608	5.65	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	87849	5.80	ug/L	99
12) 1,1-Dichloroethene	2.588	96	86733	5.82	ug/L	87
13) Acetone	2.655	43	123918	61.63	ug/L	96
14) Carbon disulfide	2.800	76	271926	5.45	ug/L	99
15) Methyl Acetate	2.964	43	29282	4.89	ug/L	95
16) Methylene chloride	3.054	84	99551	4.50	ug/L	96
17) Methyl tert-butyl Ether	3.372	73	175382	5.20	ug/L	98
18) trans-1,2-Dichloroethene	3.362	96	85941	5.49	ug/L	97
19) 1,1-Dichloroethane	3.880	63	155944	5.51	ug/L	99
21) 2-Butanone	4.726	43	234886	61.10	ug/L	98
22) cis-1,2-Dichloroethene	4.678	96	90701	5.51	ug/L	97
23) Bromochloromethane	4.983	128	45714	5.90	ug/L	95
25) Chloroform	5.099	83	167700	5.99	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.806	62	94961	5.50	ug/L	98
29) 1,1,1-Trichloroethane	5.327	97	133806	5.59	ug/L	98
30) Cyclohexane	5.401	56	128653	4.84	ug/L	97
31) Carbon tetrachloride	5.533	117	111794	5.59	ug/L	99
33) Benzene	5.784	78	361881	5.45	ug/L	100
34) Trichloroethene	6.552	95	92237	5.41	ug/L	97
35) Methylcyclohexane	6.774	83	136209	5.14	ug/L	98
37) 1,2-Dichloropropane	6.800	63	93944	5.41	ug/L	100
38) Bromodichloromethane	7.115	83	111108	5.48	ug/L	98
39) cis-1,3-Dichloropropene	7.616	75	119373	5.17	ug/L	98
40) 4-Methyl-2-pentanone	7.803	43	544040	49.10	ug/L	97
42) Toluene	7.976	91	391994	5.62	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	105338	5.29	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	67821	5.43	ug/L	98
47) Tetrachloroethene	8.562	164	78329	5.69	ug/L	98
48) 2-Hexanone	8.697	43	417550	50.80	ug/L	99
49) Dibromochloromethane	8.819	129	79096	5.68	ug/L	98
50) 1,2-Dibromoethane	8.931	107	64767	5.51	ug/L	99
51) Chlorobenzene	9.456	112	238699	5.48	ug/L	99
52) Ethylbenzene	9.578	91	383156	5.37	ug/L	99
53) m,p-Xylene	9.703	106	151727	5.59	ug/L	97
54) o-Xylene	10.108	106	144617	5.58	ug/L	99
55) Styrene	10.121	104	255910	5.85	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	85856	5.42	ug/L	98
59) Bromoform	10.298	173	47140	5.38	ug/L	100
60) Isopropylbenzene	10.491	105	376430	5.26	ug/L	100
61) 1,2,3-Trichloropropane	10.832	75	60775	4.89	ug/L	97
62) 1,3,5-Trimethylbenzene	11.095	105	290300	5.05	ug/L	98
63) 1,2,4-Trimethylbenzene	11.475	105	302871	5.14	ug/L	99
64) 1,3-Dichlorobenzene	11.754	146	203261	5.52	ug/L	98
65) 1,4-Dichlorobenzene	11.844	146	200820	5.43	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	190091	5.37	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.005	75	12440	4.88	ug/L	91
69) 1,3,5-Trichlorobenzene	13.227	180	154287	5.25	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	121283	5.01	ug/L	99
71) Naphthalene	14.095	128	182646	4.28	ug/L	99
72) 1,2,3-Trichlorobenzene	14.340	180	116238	5.06	ug/L	99

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

