Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042321\
Data File : VU043293.D
Acq On : 23 Apr 2021 15:58
Operator : SY/MD
Sample : M2124-13MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H4511MS

Quant Time: Apr 24 06:32:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Apr 24 06:31:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	104680	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	104012	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	56825	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	25966	4.88	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.60%			
7) Chloroethane-d5	1.919	69	22161	4.42	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.40%			
11) 1,1-Dichloroethene-d2	2.575	65	16717	5.43	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 108.60%			
20) 2-Butanone-d5	4.652	46	127512	54.62	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.24%			
24) Chloroform-d	5.073	84	71265	5.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.40%			
26) 1,2-Dichloroethane-d4	5.710	65	42322	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.40%			
32) Benzene-d6	5.735	84	121685	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.40%			
36) 1,2-Dichloropropane-d6	6.700	67	40801	5.08	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.60%			
41) Toluene-d8	7.906	98	114324	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.80%			
43) trans-1,3-Dichloroprop...	8.185	79	16174	4.56	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.20%			
46) 2-Hexanone-d5	8.642	63	79393	44.88	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.76%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	35850	5.07	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.40%			
66) 1,2-Dichlorobenzene-d4	12.201	152	45396	4.66	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.20%			
Target Compounds						Qvalue
3) Chloromethane	1.523	50	1199	0.18	ug/L	97
5) Vinyl chloride	1.610	62	1199	0.17	ug/L #	1
6) Bromomethane	1.864	94	1504	0.37	ug/L	85
8) Chloroethane	1.938	64	9282	1.87	ug/L #	59
9) Trichlorofluoromethane	2.144	101	13713	1.07	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	14156	2.05	ug/L	93
12) 1,1-Dichloroethene	2.588	96	8437	1.45	ug/L #	1
13) Acetone	2.668	43	86220	50.26	ug/L #	65
14) Carbon disulfide	2.803	76	6279	0.42	ug/L #	94
15) Methyl Acetate	2.967	43	15036	4.66	ug/L #	87
16) Methylene chloride	3.054	84	20145	2.68	ug/L	84
17) Methyl tert-butyl Ether	3.375	73	69928	3.68	ug/L #	92
18) trans-1,2-Dichloroethene	3.363	96	12947	2.09	ug/L	89
19) 1,1-Dichloroethane	3.880	63	46411	3.44	ug/L	98
21) 2-Butanone	4.729	43	143592	50.72	ug/L	82
22) cis-1,2-Dichloroethene	4.674	96	27427	3.73	ug/L	81
23) Bromochloromethane	4.983	128	12386	3.70	ug/L #	71
25) Chloroform	5.099	83	61477	4.27	ug/L	96
27) 1,2-Dichloroethane	5.803	62	43287	4.10	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
29) 1,1,1-Trichloroethane	5.324	97	44664	3.48	ug/L	#	94
30) Cyclohexane	5.395	56	15326	1.39	ug/L		88
31) Carbon tetrachloride	5.536	117	34067	3.18	ug/L		99
33) Benzene	5.784	78	89873	3.23	ug/L		100
34) Trichloroethene	6.549	95	28913	3.77	ug/L		94
35) Methylcyclohexane	6.771	83	18983	1.79	ug/L	#	87
37) 1,2-Dichloropropane	6.800	63	32939	4.21	ug/L		99
38) Bromodichloromethane	7.115	83	48766	4.64	ug/L		97
39) cis-1,3-Dichloropropene	7.616	75	46117	4.03	ug/L		99
40) 4-Methyl-2-pentanone	7.800	43	369745	52.78	ug/L	#	82
42) Toluene	7.976	91	115774	3.72	ug/L		99
44) trans-1,3-Dichloropropene	8.218	75	47123	4.37	ug/L		97
45) 1,1,2-Trichloroethane	8.407	97	29239	5.00	ug/L		96
47) Tetrachloroethene	8.558	164	20966	3.45	ug/L		94
48) 2-Hexanone	8.694	43	288186	55.91	ug/L	#	84
49) Dibromochloromethane	8.816	129	36046	4.88	ug/L		93
50) 1,2-Dibromoethane	8.931	107	24467	4.20	ug/L		97
51) Chlorobenzene	9.452	112	86898	4.38	ug/L		95
52) Ethylbenzene	9.578	91	140899	3.96	ug/L		97
53) m,p-Xylene	9.700	106	52238	4.01	ug/L		93
54) o-Xylene	10.108	106	54114	4.20	ug/L		94
55) Styrene	10.121	104	98119	4.44	ug/L		95
57) 1,1,2,2-Tetrachloroethane	10.790	83	40972	5.33	ug/L		98
59) Bromoform	10.298	173	22107	4.76	ug/L		99
60) Isopropylbenzene	10.491	105	154112	4.23	ug/L	#	96
61) 1,2,3-Trichloropropane	10.832	75	31100	5.30	ug/L		97
62) 1,3,5-Trimethylbenzene	11.095	105	125360	4.20	ug/L		98
63) 1,2,4-Trimethylbenzene	11.475	105	129510	4.22	ug/L		96
64) 1,3-Dichlorobenzene	11.751	146	80533	4.65	ug/L		98
65) 1,4-Dichlorobenzene	11.845	146	82487	4.70	ug/L		99
67) 1,2-Dichlorobenzene	12.221	146	82340	4.90	ug/L		100
68) 1,2-Dibromo-3-chloropr...	13.005	75	7197	5.04	ug/L		92
69) 1,3,5-Trichlorobenzene	13.227	180	65763	4.63	ug/L		98
70) 1,2,4-trichlorobenzene	13.848	180	56557	4.81	ug/L		99
71) Naphthalene	14.095	128	101991	5.14	ug/L		99
72) 1,2,3-Trichlorobenzene	14.340	180	55304	5.13	ug/L		99

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

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