Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092220\
Data File : BN011856.D
Acq On : 22 Sep 2020 17:18
Operator : CG/JU
Sample : L3988-23MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
FC-MW03SR1-20200910MSD

Manual Integrations APPROVED
mohammad
9/23/2020 10:44:33 AM

Quant Time: Sep 22 17:47:39 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 14:36:55 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.699	152	5329	0.40	ng		0.00
7) Naphthalene-d8	10.478	136	23672	0.40	ng		# 0.00
13) Acenaphthene-d10	14.332	164	13584m	0.40	ng		0.00
19) Phenanthrene-d10	17.078	188	29535	0.40	ng		0.00
29) Chrysene-d12	21.269	240	27238	0.40	ng		# 0.00
36) Perylene-d12	23.494	264	25698	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.307	112	2106	0.13	ng		0.00
5) Phenol-d6	6.869	99	1569	0.08	ng		0.00
8) Nitrobenzene-d5	8.843	82	5852	0.25	ng		0.00
11) 2-Methylnaphthalene-d10	12.064	152	9868	0.23	ng		0.00
14) 2,4,6-Tribromophenol	15.816	330	2316	0.34	ng		0.00
15) 2-Fluorobiphenyl	12.949	172	12230	0.21	ng		0.00
27) Fluoranthene-d10	19.107	212	25147	0.27	ng		0.00
31) Terphenyl-d14	19.713	244	25677	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.262	88	3252	0.41	ng	#	66
3) n-Nitrosodimethylamine	3.568	42	2462	0.23	ng	#	76
6) bis(2-Chloroethyl)ether	7.127	93	4752	0.28	ng		90
9) Naphthalene	10.516	128	663600	9.96	ng		99
10) Hexachlorobutadiene	10.820	225	2019	0.13	ng	#	99
12) 2-Methylnaphthalene	12.140	142	35091	0.76	ng		98
16) Acenaphthylene	14.040	152	15983	0.24	ng	#	77
17) Acenaphthene	14.395	154	12844	0.28	ng	#	85
18) Fluorene	15.385	166	22734	0.40	ng	#	97
20) 4,6-Dinitro-2-methylph...	15.461	198	1301	0.26	ng	#	1
21) 4-Bromophenyl-phenylether	16.275	248	3052	0.17	ng	#	77
22) Hexachlorobenzene	16.384	284	3231	0.15	ng	#	86
23) Atrazine	16.542	200	2528	0.16	ng	#	77
24) Pentachlorophenol	16.725	266	4019	0.46	ng		95
25) Phenanthrene	17.114	178	22785	0.24	ng		96
26) Anthracene	17.199	178	18004	0.22	ng		99
28) Fluoranthene	19.137	202	21602	0.20	ng	#	92
30) Pyrene	19.504	202	22780	0.24	ng		98
32) Benzo(a)anthracene	21.259	228	19029	0.21	ng		98
33) Chrysene	21.301	228	19445	0.21	ng		98
34) Bis(2-ethylhexyl)phtha...	21.195	149	23337	0.49	ng	#	91
35) Indeno(1,2,3-cd)pyrene	25.719	276	20162	0.17	ng	#	88
37) Benzo(b)fluoranthene	22.827	252	19281	0.20	ng	#	62
38) Benzo(k)fluoranthene	22.871	252	19441	0.20	ng	#	77
39) Benzo(a)pyrene	23.395	252	16829	0.20	ng	#	32
40) Dibenzo(a,h)anthracene	25.733	278	16117	0.17	ng	#	82
41) Benzo(g,h,i)perylene	26.404	276	17312	0.17	ng	#	87

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

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