Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091620\
Data File : BN011815.D
Acq On : 16 Sep 2020 16:11
Operator : CG/JU
Sample : L3988-22MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
FC-MW03SR1-20200910MS

Manual Integrations APPROVED
mohammad
9/18/2020 11:29:27 AM

Quant Time: Sep 16 16:41:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 16 12:37:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	2671	0.40	ng		0.00
7) Naphthalene-d8	10.50	136	10523	0.40	ng		0.00
13) Acenaphthene-d10	14.36	164	6544m	0.40	ng		0.00
19) Phenanthrene-d10	17.11	188	14413	0.40	ng		0.01
29) Chrysene-d12	21.31	240	15022	0.40	ng		0.00
36) Perylene-d12	23.57	264	15732	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.32	112	2148	0.29	ng		0.00
5) Phenol-d6	6.89	99	2514	0.26	ng		0.00
8) Nitrobenzene-d5	8.87	82	3064	0.26	ng		0.01
11) 2-Methylnaphthalene-d10	12.10	152	6492	0.33	ng		0.00
14) 2,4,6-Tribromophenol	15.85	330	1380	0.39	ng		0.00
15) 2-Fluorobiphenyl	12.99	172	8066	0.28	ng		0.01
27) Fluoranthene-d10	19.15	212	18319	0.39	ng		0.00
31) Terphenyl-d14	19.75	244	15381	0.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	1277	0.333	ng	#	85
3) n-Nitrosodimethylamine	3.58	42	632	0.110	ng	#	80
6) bis(2-Chloroethyl)ether	7.15	93	1023	0.132	ng		98
9) Naphthalene	10.55	128	103508	3.435	ng		99
10) Hexachlorobutadiene	10.85	225	623	0.086	ng	#	100
12) 2-Methylnaphthalene	12.17	142	4034	0.187	ng		96
16) Acenaphthylene	14.08	152	4102	0.126	ng	#	84
17) Acenaphthene	14.42	154	3181	0.138	ng	#	85
18) Fluorene	15.41	166	5826	0.200	ng	#	97
20) 4,6-Dinitro-2-methylphenol	15.49	198	439	0.135	ng	#	1
21) 4-Bromophenyl-phenylether	16.31	248	1038	0.114	ng	#	81
22) Hexachlorobenzene	16.42	284	1235	0.116	ng		96
23) Atrazine	16.58	200	1409	0.168	ng	#	88
24) Pentachlorophenol	16.76	266	2483	0.551	ng		98
25) Phenanthrene	17.15	178	7247	0.154	ng		97
26) Anthracene	17.24	178	5868	0.139	ng		100
28) Fluoranthene	19.18	202	8755	0.150	ng	#	96
30) Pyrene	19.54	202	9164	0.172	ng		99
32) Benzo(a)anthracene	21.30	228	8715	0.159	ng		98
33) Chrysene	21.35	228	8853	0.154	ng		98
34) Bis(2-ethylhexyl)phthalate	21.24	149	6813	0.278	ng		97
35) Indeno(1,2,3-cd)pyrene	25.82	276	10952	0.145	ng		98
37) Benzo(b)fluoranthene	22.89	252	9623	0.148	ng	#	78
38) Benzo(k)fluoranthene	22.94	252	9382	0.144	ng	#	79
39) Benzo(a)pyrene	23.47	252	8504	0.149	ng	#	63
40) Dibenzo(a,h)anthracene	25.84	278	9140	0.139	ng	#	88
41) Benzo(g,h,i)perylene	26.51	276	9260	0.141	ng	#	92

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

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