Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082319\
Data File : BN007348.D
Acq On : 24 Aug 2019 04:02
Operator : HP/JU
Sample : K4470-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S703-N-0.0-0.5-082119

Manual Integrations APPROVED
mohammad
8/29/2019 7:59:47 AM

Quant Time: Aug 24 07:57:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 24 00:38:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	4401	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	18459	0.40	ng		-0.01
13) Acenaphthene-d10	14.05	164	10206	0.40	ng		0.00
19) Phenanthrene-d10	16.80	188	23062	0.40	ng		0.00
27) Chrysene-d12	21.02	240	25710	0.40	ng		0.00
34) Perylene-d12	23.12	264	29845	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	3174	0.19	ng		0.00
5) Phenol-d6	6.60	99	4135	0.20	ng		0.00
8) Nitrobenzene-d5	8.53	82	3328	0.21	ng		0.00
11) 2-Methylnaphthalene-d10	11.76	152	6435	0.21	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	1246	0.23	ng		0.00
15) 2-Fluorobiphenyl	12.66	172	7703	0.19	ng		0.00
25) Fluoranthene-d10	18.84	212	12902	0.17	ng		0.00
29) Terphenyl-d14	19.46	244	9911	0.15	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.20	128	17083	0.324	ng	#	92
12) 2-Methylnaphthalene	11.83	142	7968	0.222	ng		99
16) Acenaphthylene	13.76	152	13466	0.223	ng		98
17) Acenaphthene	14.11	154	84382	2.388	ng		98
18) Fluorene	15.10	166	88676	1.984	ng		99
22) Pentachlorophenol	16.46	266	170	0.035	ng		93
23) Phenanthrene	16.84	178	1955060	28.183	ng		100
24) Anthracene	16.93	178	312279	4.476	ng	#	92
26) Fluoranthene	18.88	202	3732260	41.904	ng		98
28) Pyrene	19.24	202	3218769	31.122	ng	#	94
30) Benzo(a)anthracene	21.00	228	1829667	18.121	ng		98
31) Chrysene	21.06	228	1754222	18.000	ng		98
32) Bis(2-ethylhexyl)phthalate	20.97	149	32312m	0.476	ng		
33) Indeno(1,2,3-cd)pyrene	25.19	276	1117106	9.515	ng		98
35) Benzo(b)fluoranthene	22.51	252	2274790m	21.037	ng		
36) Benzo(k)fluoranthene	22.55	252	888738m	8.316	ng		
37) Benzo(a)pyrene	23.04	252	1588906m	15.441	ng		
38) Dibenzo(a,h)anthracene	25.20	278	282460	2.751	ng		96
39) Benzo(g,h,i)perylene	25.82	276	1087487	10.630	ng		96

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

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