Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070519\
Data File : BN006718.D
Acq On : 05 Jul 2019 16:33
Operator : HP/JU
Sample : K3558-08MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PST-032-B204-062519MS

Manual Integrations APPROVED
mohammad
7/8/2019 2:15:50 PM

Quant Time: Jul 05 23:19:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 05:30:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	3179	0.40	ng	-0.03
7) Naphthalene-d8	10.36	136	12460	0.40	ng	-0.03
13) Acenaphthene-d10	14.24	164	7338	0.40	ng	-0.02
19) Phenanthrene-d10	17.00	188	17363	0.40	ng	-0.02
27) Chrysene-d12	21.23	240	17013	0.40	ng	-0.03
34) Perylene-d12	23.45	264	19760	0.40	ng	-0.06
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	1838	0.21	ng	-0.02
5) Phenol-d6	6.81	99	2584	0.24	ng	-0.02
8) Nitrobenzene-d5	8.77	82	1756m	0.18	ng	-0.03
11) 2-Methylnaphthalene-d10	11.97	152	5158	0.28	ng	-0.02
14) 2,4,6-Tribromophenol	15.77	330	857	0.24	ng	-0.02
15) 2-Fluorobiphenyl	12.86	172	5588	0.19	ng	-0.02
25) Fluoranthene-d10	19.05	212	10138	0.20	ng	-0.02
29) Terphenyl-d14	19.65	244	7119	0.18	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	949	0.191	ng	# 52
3) n-Nitrosodimethylamine	3.45	42	967	0.258	ng	# 95
6) bis(2-Chloroethyl)ether	7.03	93	2030	0.220	ng	96
9) Naphthalene	10.42	128	8046	0.236	ng	98
10) Hexachlorobutadiene	10.69	225	1378	0.200	ng	# 100
12) 2-Methylnaphthalene	12.05	142	5301	0.198	ng	97
16) Acenaphthylene	13.96	152	9144	0.250	ng	100
17) Acenaphthene	14.30	154	5305	0.227	ng	97
18) Fluorene	15.30	166	6961	0.240	ng	100
20) 4-Bromophenyl-phenylether	16.20	248	2009	0.196	ng	98
21) Hexachlorobenzene	16.31	284	2351	0.193	ng	98
22) Pentachlorophenol	16.72	266	205	0.237	ng	93
23) Phenanthrene	17.05	178	14978	0.299	ng	100
24) Anthracene	17.14	178	10379	0.229	ng	100
26) Fluoranthene	19.08	202	22855	0.389	ng	98
28) Pyrene	19.45	202	23496	0.345	ng	99
30) Benzo(a)anthracene	21.22	228	16836	0.287	ng	99
31) Chrysene	21.27	228	17488	0.289	ng	98
32) Bis(2-ethylhexyl)phthalate	21.13	149	13588	0.078	ng	99
33) Indeno(1,2,3-cd)pyrene	25.68	276	18967	0.262	ng	97
35) Benzo(b)fluoranthene	22.79	252	18595	0.293	ng	98
36) Benzo(k)fluoranthene	22.83	252	17033	0.248	ng	98
37) Benzo(a)pyrene	23.36	252	17345	0.282	ng	99
38) Dibenzo(a,h)anthracene	25.68	278	13215	0.216	ng	98
39) Benzo(g,h,i)perylene	26.35	276	16940	0.270	ng	98

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

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