Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101121\
Data File : BN016883.D
Acq On : 11 Oct 2021 13:41
Operator : CG/JU
Sample : M3966-04DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-830-J-SO-2-2.5-092721DL

Manual Integrations APPROVED
mohammad
10/12/2021 9:35:53 AM

Quant Time: Oct 11 14:15:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 08 15:46:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.605	152	22510	0.400	ng		0.00
7) Naphthalene-d8	10.381	136	105909	0.400	ng	#	0.00
13) Acenaphthene-d10	14.243	164	59054	0.400	ng		0.00
19) Phenanthrene-d10	16.993	188	118539	0.400	ng	#	-0.01
29) Chrysene-d12	21.217	240	115613	0.400	ng		0.01
35) Perylene-d12	23.464	264	130110	0.400	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.236	112	7765	0.138	ng		0.00
5) Phenol-d6	6.803	99	8357	0.131	ng		0.00
8) Nitrobenzene-d5	8.746	82	9260	0.125	ng		-0.01
11) 2-Methylnaphthalene-d10	11.976	152	21398	0.136	ng		0.00
14) 2,4,6-Tribromophenol	15.740	330	4086	0.134	ng		-0.01
15) 2-Fluorobiphenyl	12.860	172	27731	0.116	ng		-0.01
27) Fluoranthene-d10	19.043	212	41941	0.127	ng		0.00
31) Terphenyl-d14	19.658	244	34101	0.135	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.419	128	60050	0.208	ng		99
12) 2-Methylnaphthalene	12.047	142	22477	0.122	ng		98
16) Acenaphthylene	13.964	152	19808	0.076	ng		96
17) Acenaphthene	14.307	154	78667	0.454	ng		100
18) Fluorene	15.296	166	100700	0.478	ng		98
24) Pentachlorophenol	16.652	266	979	0.128	ng		99
25) Phenanthrene	17.042	178	1746835	4.962	ng		100
26) Anthracene	17.127	178	291164	0.931	ng	#	93
28) Fluoranthene	19.078	202	2757602	6.975	ng		99
30) Pyrene	19.440	202	2338835	6.579	ng	#	94
32) Benzo(a)anthracene	21.195	228	1178209	3.295	ng		99
33) Chrysene	21.248	228	1251694	3.437	ng		97
34) Bis(2-ethylhexyl)phtha...	21.153	149	169658	0.934	ng		100
36) Indeno(1,2,3-cd)pyrene	25.730	276	773896	1.571	ng		97
37) Benzo(b)fluoranthene	22.789	252	1742939	4.232	ng		98
38) Benzo(k)fluoranthene	22.830	252	589373m	1.472	ng		
39) Benzo(a)pyrene	23.364	252	1175758	3.124	ng		98
40) Dibenzo(a,h)anthracene	25.743	278	181801	0.451	ng	#	90
41) Benzo(g,h,i)perylene	26.428	276	755297	1.763	ng		98

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

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