Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092921\
Data File : BN016576.D
Acq On : 29 Sep 2021 13:43
Operator : CG/JU
Sample : M3945-01DL 4X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-815-N-SO-1-1.5-092421DL

Manual Integrations APPROVED
mohammad
9/30/2021 11:30:45 AM

Quant Time: Sep 29 14:12:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 29 10:56:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.661	152	31144	0.400	ng		0.00
7) Naphthalene-d8	10.419	136	146950	0.400	ng	#	0.00
13) Acenaphthene-d10	14.282	164	84796	0.400	ng	#	0.00
19) Phenanthrene-d10	17.030	188	179678	0.400	ng	#	0.00
29) Chrysene-d12	21.249	240	195514	0.400	ng		0.00
35) Perylene-d12	23.515	264	183497	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.282	112	7656	0.099	ng		0.00
5) Phenol-d6	6.840	99	7943	0.102	ng		0.00
8) Nitrobenzene-d5	8.797	82	7024	0.090	ng		0.00
11) 2-Methylnaphthalene-d10	12.016	152	18204	0.087	ng		0.00
14) 2,4,6-Tribromophenol	15.779	330	3839	0.104	ng		0.00
15) 2-Fluorobiphenyl	12.899	172	23992	0.069	ng		0.00
27) Fluoranthene-d10	19.078	212	34035	0.070	ng		0.00
31) Terphenyl-d14	19.689	244	31105	0.074	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.470	128	22856	0.058	ng		98
12) 2-Methylnaphthalene	12.092	142	11880	0.048	ng		99
16) Acenaphthylene	14.002	152	73499	0.196	ng		99
17) Acenaphthene	14.345	154	72173	0.283	ng	#	93
18) Fluorene	15.335	166	88797	0.285	ng		98
24) Pentachlorophenol	16.689	266	8154	0.341	ng		99
25) Phenanthrene	17.079	178	1730253	3.201	ng		100
26) Anthracene	17.164	178	530467	1.129	ng	#	96
28) Fluoranthene	19.113	202	3575407	6.051	ng	#	97
30) Pyrene	19.475	202	3043576	4.566	ng	#	93
32) Benzo(a)anthracene	21.228	228	2136759	3.526	ng	#	88
33) Chrysene	21.281	228	3511105	5.681	ng	#	92
34) Bis(2-ethylhexyl)phtha...	21.185	149	513700	2.847	ng		100
36) Indeno(1,2,3-cd)pyrene	25.809	276	782027	1.337	ng		99
37) Benzo(b)fluoranthene	22.841	252	2974012	4.854	ng	#	96
38) Benzo(k)fluoranthene	22.879	252	852105m	1.427	ng		
39) Benzo(a)pyrene	23.416	252	1649426	2.935	ng		94
40) Dibenzo(a,h)anthracene	25.812	278	285989	0.703	ng	#	69
41) Benzo(g,h,i)perylene	26.514	276	774890	1.456	ng		95

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

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