Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092921\
Data File : BN016573.D
Acq On : 29 Sep 2021 11:18
Operator : CG/JU
Sample : M3945-01 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
9/30/2021 11:30:40 AM

Quant Time: Sep 29 12:25:43 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	7.652	152	30554	0.400	ng		0.00
7) Naphthalene-d8	10.419	136	141367	0.400	ng	#	0.00
13) Acenaphthene-d10	14.281	164	77717	0.400	ng	#	0.00
19) Phenanthrene-d10	17.030	188	166355	0.400	ng	#	0.00
29) Chrysene-d12	21.259	240	218496	0.400	ng	#	0.01
35) Perylene-d12	23.529	264	196615	0.400	ng	#	0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.291	112	14697	0.193	ng		0.00
5) Phenol-d6	6.840	99	14137	0.185	ng		0.00
8) Nitrobenzene-d5	8.797	82	11912	0.159	ng		0.00
11) 2-Methylnaphthalene-d10	12.016	152	38580	0.192	ng		0.00
14) 2,4,6-Tribromophenol	15.779	330	6713	0.198	ng		0.00
15) 2-Fluorobiphenyl	12.898	172	49948	0.156	ng		0.00
27) Fluoranthene-d10	19.083	212	77368	0.172	ng		0.00
31) Terphenyl-d14	19.693	244	65896	0.140	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.470	128	48252	0.127	ng		99
12) 2-Methylnaphthalene	12.092	142	24064	0.101	ng		99
16) Acenaphthylene	14.002	152	153944	0.447	ng		99
17) Acenaphthene	14.345	154	149310	0.638	ng	#	93
18) Fluorene	15.334	166	182663	0.640	ng		98
24) Pentachlorophenol	16.689	266	16942	0.500	ng		99
25) Phenanthrene	17.078	178	3521366	7.036	ng		99
26) Anthracene	17.164	178	1134762	2.610	ng	#	96
28) Fluoranthene	19.113	202	7162639	13.093	ng	#	95
30) Pyrene	19.475	202	6261694	8.405	ng	#	92
32) Benzo(a)anthracene	21.238	228	4586260	6.772	ng	#	86
33) Chrysene	21.291	228	6834047	9.894	ng	#	91
34) Bis(2-ethylhexyl)phtha...	21.185	149	1068031	5.296	ng		100
36) Indeno(1,2,3-cd)pyrene	25.826	276	1640929	2.617	ng		99
37) Benzo(b)fluoranthene	22.851	252	6310582	9.613	ng	#	95
38) Benzo(k)fluoranthene	22.892	252	2130609m	3.331	ng		
39) Benzo(a)pyrene	23.433	252	3533430	5.868	ng	#	93
40) Dibenzo(a,h)anthracene	25.829	278	596131	1.368	ng	#	71
41) Benzo(g,h,i)perylene	26.531	276	1610679	2.825	ng	#	94

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

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