Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092921\
Data File : BN016574.D
Acq On : 29 Sep 2021 11:54
Operator : CG/JU
Sample : M3945-02 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
9/30/2021 11:30:43 AM

Quant Time: Sep 29 12:27:13 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	29178	0.400	ng		0.00
7) Naphthalene-d8	10.419	136	136574	0.400	ng		# 0.00
13) Acenaphthene-d10	14.281	164	75740	0.400	ng		# 0.00
19) Phenanthrene-d10	17.030	188	157043	0.400	ng		# 0.00
29) Chrysene-d12	21.249	240	169310	0.400	ng		0.00
35) Perylene-d12	23.515	264	177296	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.291	112	4635	0.064	ng		0.00
5) Phenol-d6	6.840	99	4353	0.060	ng		0.00
8) Nitrobenzene-d5	8.797	82	4419	0.061	ng		0.00
11) 2-Methylnaphthalene-d10	12.016	152	12414	0.064	ng		0.00
14) 2,4,6-Tribromophenol	15.779	330	2134	0.065	ng		0.00
15) 2-Fluorobiphenyl	12.899	172	15476	0.050	ng		0.00
27) Fluoranthene-d10	19.078	212	25280	0.060	ng		0.00
31) Terphenyl-d14	19.688	244	20323	0.056	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.470	128	13812	0.037	ng		96
12) 2-Methylnaphthalene	12.092	142	6343	0.028	ng		96
16) Acenaphthylene	14.002	152	53948	0.161	ng		99
17) Acenaphthene	14.345	154	24852	0.109	ng		94
18) Fluorene	15.335	166	33311	0.120	ng		97
24) Pentachlorophenol	16.689	266	5425	0.310	ng		99
25) Phenanthrene	17.078	178	697470	1.476	ng		100
26) Anthracene	17.164	178	258825	0.630	ng		97
28) Fluoranthene	19.108	202	1890382	3.661	ng	#	98
30) Pyrene	19.470	202	1575161	2.729	ng	#	95
32) Benzo(a)anthracene	21.227	228	1241023	2.365	ng	#	83
33) Chrysene	21.281	228	2459555	4.595	ng	#	90
34) Bis(2-ethylhexyl)phtha...	21.185	149	34048	0.218	ng	#	98
36) Indeno(1,2,3-cd)pyrene	25.805	276	520636	0.921	ng		98
37) Benzo(b)fluoranthene	22.834	252	1922220	3.247	ng	#	96
38) Benzo(k)fluoranthene	22.875	252	596654m	1.034	ng		
39) Benzo(a)pyrene	23.416	252	1095975	2.018	ng	#	93
40) Dibenzo(a,h)anthracene	25.809	278	218023	0.555	ng	#	63
41) Benzo(g,h,i)perylene	26.510	276	545577	1.061	ng	#	93

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

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