Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016702.D
Acq On : 03 Oct 2021 11:12
Operator : CG/JU
Sample : M3892-14
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-826-N-SO-1-1.5-092221

Manual Integrations APPROVED
mohammad
10/4/2021 11:49:35 AM

Quant Time: Oct 04 03:38:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 13:35:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	27384	0.40	ng	0.00
7) Naphthalene-d8	10.406	136	123602	0.40	ng	0.00
13) Acenaphthene-d10	14.269	164	71316	0.40	ng	0.00
19) Phenanthrene-d10	17.030	188	137150	0.40	ng	0.00
29) Chrysene-d12	21.238	240	133653	0.40	ng	# 0.00
35) Perylene-d12	23.495	264	90683	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.282	112	25064	0.36	ng	0.03
5) Phenol-d6	6.831	99	25557	0.33	ng	0.00
8) Nitrobenzene-d5	8.784	82	31682	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	63898	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	14650	0.45	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	78425	0.27	ng	-0.01
27) Fluoranthene-d10	19.068	212	106614	0.29	ng	0.00
31) Terphenyl-d14	19.678	244	80575	0.28	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.457	128	11771	0.04	ng	# 93
12) 2-Methylnaphthalene	12.078	142	10908	0.05	ng	98
16) Acenaphthylene	13.989	152	17387	0.06	ng	# 96
17) Acenaphthene	14.332	154	4240	0.02	ng	# 74
18) Fluorene	15.322	166	6376	0.03	ng	# 97
25) Phenanthrene	17.066	178	100252m	0.24	ng	
26) Anthracene	17.151	178	24900	0.07	ng	# 80
28) Fluoranthene	19.097	202	242275	0.54	ng	99
30) Pyrene	19.460	202	230929	0.53	ng	# 95
32) Benzo(a)anthracene	21.217	228	136403	0.33	ng	96
33) Chrysene	21.270	228	150061	0.36	ng	96
34) Bis(2-ethylhexyl)phtha...	21.174	149	36122	0.22	ng	# 93
36) Indeno(1,2,3-cd)pyrene	25.778	276	37940	0.12	ng	# 82
37) Benzo(b)fluoranthene	22.817	252	152145	0.52	ng	# 86
38) Benzo(k)fluoranthene	22.858	252	64684m	0.22	ng	
39) Benzo(a)pyrene	23.392	252	90884	0.35	ng	# 84
40) Dibenzo(a,h)anthracene	25.798	278	13129	0.05	ng	# 27
41) Benzo(g,h,i)perylene	26.476	276	31061	0.11	ng	# 80

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

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