Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110421\
Data File : BF126047.D
Acq On : 4 Nov 2021 15:56
Operator : JU/CG
Sample : M4472-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-2-KS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

Quant Time: Nov 08 09:12:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 17:21:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	152	20.000	ng	# 0.00
21) Naphthalene-d8	8.134	136	839	20.000	ng	# 0.00
39) Acenaphthene-d10	9.880	164	304	20.000	ng	#-0.01
64) Phenanthrene-d10	11.369	188	704	20.000	ng	# 0.00
76) Chrysene-d12	13.998	240	1761	20.000	ng	#-0.01
86) Perylene-d12	15.462	264	2009	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	807385	91217.496	ng	0.00
7) Phenol-d6	6.475	99	985259	78963.959	ng	-0.01
23) Nitrobenzene-d5	7.410	82	751192	42224.618	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	216093	62026.996	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	1229110	54637.254	ng	0.00
79) Terphenyl-d14	12.957	244	1116931	10227.729	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.475	77	2367	Below Cal	#	1
10) Phenol	6.487	94	5142	403.040	ng	# 20
37) 2-Methylnaphthalene	8.845	142	1219	40.615	ng	85
38) 1-Methylnaphthalene	8.945	142	1480m	50.908	ng	
49) Acenaphthylene	9.745	152	16754	599.008	ng	93
52) Acenaphthene	9.916	154	6836	387.498	ng	# 77
55) Dibenzofuran	10.092	168	5847	220.167	ng	99
58) Fluorene	10.433	166	19106	896.136	ng	98
60) Diethylphthalate	10.298	149	1192	53.706	ng	# 84
71) Phenanthrene	11.392	178	205765	5389.593	ng	99
72) Anthracene	11.439	178	55033	1443.820	ng	98
73) Carbazole	11.592	167	9769	276.337	ng	95
74) Di-n-butylphthalate	11.927	149	4413	107.134	ng	# 86
75) Fluoranthene	12.580	202	494505	11631.513	ng	95
78) Pyrene	12.810	202	476403	3373.383	ng	98
81) Benzo(a)anthracene	13.992	228	232820	1924.491	ng	96
83) Chrysene	14.027	228	195331	1735.251	ng	97
84) Bis(2-ethylhexyl)phtha...	13.992	149	4794	67.242	ng	# 95
87) Indeno(1,2,3-cd)pyrene	16.915	276	92478	777.697	ng	# 83
88) Benzo(b)fluoranthene	15.045	252	249442m	1908.848	ng	
89) Benzo(k)fluoranthene	15.068	252	95963m	757.033	ng	
90) Benzo(a)pyrene	15.404	252	182122m	1769.009	ng	
91) Dibenzo(a,h)anthracene	16.927	278	21448	219.604	ng	# 86
92) Benzo(g,h,i)perylene	17.356	276	85312m	910.791	ng	

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

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