Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
Data File : BF136927.D
Acq On : 04 Jan 2024 01:35
Operator : CG\JU
Sample : 05899-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHL-SS-18-0-2

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/04/2024

Quant Time: Jan 04 03:45:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	46172	20.000	ng		-0.01
21) Naphthalene-d8	8.063	136	148506	20.000	ng		0.00
39) Acenaphthene-d10	9.816	164	66019	20.000	ng		-0.01
64) Phenanthrene-d10	11.316	188	125096	20.000	ng		0.00
76) Chrysene-d12	13.998	240	93233	20.000	ng		0.03
86) Perylene-d12	15.468	264	79860	20.000	ng		# 0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	300174	101.437	ng		0.00
7) Phenol-d6	6.440	99	333658	87.017	ng		0.00
23) Nitrobenzene-d5	7.345	82	192503	66.331	ng		-0.01
42) 2,4,6-Tribromophenol	10.616	330	79036	101.651	ng		0.00
45) 2-Fluorobiphenyl	9.134	172	351564	71.623	ng		-0.02
79) Terphenyl-d14	12.933	244	445714	66.808	ng		0.02
Target Compounds							Qvalue
10) Phenol	6.451	94	16525	4.037	ng		89
31) Naphthalene	8.087	128	1406658	172.416	ng		99
37) 2-Methylnaphthalene	8.781	142	721693	137.450	ng		99
38) 1-Methylnaphthalene	8.869	142	62982	12.227	ng		95
46) 1,1'-Biphenyl	9.239	154	164912	29.767	ng		99
49) Acenaphthylene	9.681	152	149769	23.266	ng		97
52) Acenaphthene	9.857	154	502437	125.911	ng		100
55) Dibenzofuran	10.034	168	1218031	201.364	ng		98
58) Fluorene	10.392	166	2170291	452.184	ng		97
71) Phenanthrene	11.375	178	5670318	883.397	ng		98
72) Anthracene	11.498	178	16384927m	2520.570	ng		
73) Carbazole	11.639	167	10004907	1632.449	ng		97
75) Fluoranthene	12.575	202	4124345	600.704	ng		95
78) Pyrene	12.810	202	1485956	162.357	ng		99
81) Benzo(a)anthracene	13.992	228	971718	150.096	ng		97
83) Chrysene	14.027	228	1309995	206.921	ng		98
84) Bis(2-ethylhexyl)phtha...	13.980	149	1670569	398.693	ng	#	96
85) Di-n-octyl phthalate	14.574	149	31664	4.885	ng	#	74
87) Indeno(1,2,3-cd)pyrene	16.974	276	167155	28.990	ng		95
88) Benzo(b)fluoranthene	15.045	252	653293m	122.479	ng		
89) Benzo(k)fluoranthene	15.068	252	236621m	46.948	ng		
90) Benzo(a)pyrene	15.410	252	332279	73.801	ng		98
91) Dibenzo(a,h)anthracene	16.980	278	46435m	9.816	ng		
92) Benzo(g,h,i)perylene	17.433	276	148151	30.578	ng		98

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

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