Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
Data File : BF134271.D
Acq On : 13 Jul 2023 20:23
Operator : CG\JU
Sample : 03564-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 13 21:00:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 11 13:06:48 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
VNJ-225

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	9.198	152	40778m	20.000	ng	2.35
21) Naphthalene-d8	8.192	136	158	20.000	ng	# 0.06
39) Acenaphthene-d10	9.986	164	56	20.000	ng	# 0.10
64) Phenanthrene-d10	11.533	188	55	20.000	ng	# 0.15
76) Chrysene-d12	14.215	240	2302	20.000	ng	# 0.18
86) Perylene-d12	15.733	264	6620	20.000	ng	# 0.19
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	472874	193.979	ng	0.00
7) Phenol-d6	6.481	99	563853	188.079	ng	0.00
23) Nitrobenzene-d5	7.404	82	367989	125547.986	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	183514	261368.274	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	657115	170602.645	ng	0.00
79) Terphenyl-d14	12.974	244	748316	5231.773	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.481	77	1101	Below Cal	#	1
15) Benzyl Alcohol	6.998	79	12467	5.394	ng	# 43
19) n-Nitroso-di-n-propyla...	7.269	70	6302	3.315	ng	# 52
22) Acetophenone	7.251	105	197	54.824	ng	# 10
24) Nitrobenzene	7.457	77	604	203.922	ng	# 1
25) Isophorone	7.733	82	597	112.071	ng	# 64
27) 2,4-Dimethylphenol	7.792	122	118	52.464	ng	# 67
28) bis(2-Chloroethoxy)met...	8.122	93	69	22.370	ng	# 1
31) Naphthalene	8.139	128	6646	870.819	ng	96
32) Benzoic acid	7.975	122	59	35.007	ng	# 1
33) 4-Chloroaniline	8.227	127	207	63.407	ng	# 44
35) Caprolactam	8.651	113	261	355.416	ng	# 1
36) 4-Chloro-3-methylphenol	8.751	107	417	166.434	ng	# 21
37) 2-Methylnaphthalene	8.933	142	4017	744.308	ng	96
38) 1-Methylnaphthalene	8.933	142	4017	800.638	ng	100
43) 2,4,6-Trichlorophenol	9.292	196	302	267.396	ng	# 13
44) 2,4,5-Trichlorophenol	9.292	196	302	227.324	ng	# 1
46) 1,1'-Biphenyl	9.298	154	5370	1195.427	ng	98
47) 2-Chloronaphthalene	9.404	162	351	106.793	ng	# 70
48) 2-Nitroaniline	9.539	65	706	589.395	ng	# 8
49) Acenaphthylene	9.739	152	22967	4090.625	ng	97
50) Dimethylphthalate	9.698	163	94	23.124	ng	# 77
51) 2,6-Dinitrotoluene	9.763	165	62	70.813	ng	# 21
52) Acenaphthene	9.910	154	53197	16328.776	ng	97
53) 3-Nitroaniline	9.910	138	56	53.315	ng	# 1
54) 2,4-Dinitrophenol	10.245	184	60	116.795	ng	# 15
55) Dibenzofuran	10.086	168	52862	10382.333	ng	99
56) 4-Nitrophenol	10.121	139	951	1294.376	ng	# 31
57) 2,4-Dinitrotoluene	10.380	165	3123	2700.922	ng	# 30
58) Fluorene	10.427	166	93177	23522.674	ng	97
60) Diethylphthalate	10.416	149	139	32.820	ng	# 60
62) 4-Nitroaniline	10.563	138	57	53.847	ng	# 16
63) Azobenzene	10.669	77	2151	536.929	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.669	198	373	1243.928	ng	# 1
66) n-Nitrosodiphenylamine	10.704	169	3190	1815.318	ng	# 17
70) Pentachlorophenol	11.192	266	155	417.653	ng	# 18

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
71) Phenanthrene	11.451	178	216998	78372.775	ng		98
72) Anthracene	11.451	178	216998	75350.167	ng		99
73) Carbazole	11.610	167	88250	33479.309	ng		99
74) Di-n-butylphthalate	12.104	149	681	217.249	ng	#	1
75) Fluoranthene	12.833	202	1133702	378744.068	ng		99
77) Benzidine	12.974	184	11341	207.049	ng	#	94
78) Pyrene	12.833	202	1133702	5291.926	ng		99
80) Butylbenzylphthalate	13.627	149	4647	57.836	ng	#	76
81) Benzo(a)anthracene	14.068	228	708799	4439.761	ng		96
82) 3,3'-Dichlorobenzidine	14.162	252	3104	61.368	ng	#	1
83) Chrysene	14.068	228	708799	4583.856	ng		99
84) Bis(2-ethylhexyl)phtha...	14.174	149	354	3.834	ng	#	82
85) Di-n-octyl phthalate	14.809	149	45460	335.109	ng	#	46
87) Indeno(1,2,3-cd)pyrene	17.274	276	14566	31.709	ng	#	67
88) Benzo(b)fluoranthene	15.109	252	1540678	3957.954	ng		99
89) Benzo(k)fluoranthene	15.492	252	577828	1457.954	ng		97
90) Benzo(a)pyrene	15.580	252	124782	331.504	ng		95
91) Dibenzo(a,h)anthracene	17.103	278	100764	268.559	ng		99
92) Benzo(g,h,i)perylene	17.562	276	283910	733.764	ng		98

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

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