Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
Data File : BF125960.D
Acq On : 27 Oct 2021 13:08
Operator : JU/CG
Sample : PB140243BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB140243BS

Manual Integrations APPROVED
mohammad
10/29/2021 2:22:16 PM

Quant Time: Oct 27 14:55:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 25 18:49:16 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	220916	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	930959	20.000	ng	#-0.01
39) Acenaphthene-d10	9.898	164	526115	20.000	ng	-0.01
64) Phenanthrene-d10	11.380	188	934399	20.000	ng	-0.01
76) Chrysene-d12	14.021	240	485112	20.000	ng	#-0.01
86) Perylene-d12	15.480	264	375680	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1624126	109.507	ng	0.00
7) Phenol-d6	6.492	99	2063785	101.453	ng	0.00
23) Nitrobenzene-d5	7.422	82	1327477	73.654	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	535523	116.764	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	2267825	76.228	ng	-0.01
79) Terphenyl-d14	12.969	244	2314000	78.025	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.728	88	228736	31.563	ng	# 100
3) Pyridine	3.481	79	549990	28.662	ng	87
4) n-Nitrosodimethylamine	3.416	42	430035	34.941	ng	# 61
6) Aniline	6.522	93	927980	38.729	ng	# 92
8) 2-Chlorophenol	6.645	128	648491	43.319	ng	# 78
9) Benzaldehyde	6.410	77	431316	35.434	ng	94
10) Phenol	6.504	94	824498m	42.036	ng	
11) bis(2-Chloroethyl)ether	6.598	93	678935	42.983	ng	# 82
12) 1,3-Dichlorobenzene	6.804	146	643716	38.926	ng	98
13) 1,4-Dichlorobenzene	6.881	146	661584	39.993	ng	96
14) 1,2-Dichlorobenzene	7.028	146	642169	40.048	ng	95
15) Benzyl Alcohol	7.004	79	651753	42.322	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	1449395	37.468	ng	98
17) 2-Methylphenol	7.110	107	569656	44.056	ng	96
18) Hexachloroethane	7.375	117	258928	41.284	ng	91
19) n-Nitroso-di-n-propyla...	7.281	70	496255	42.699	ng	# 85
20) 3+4-Methylphenols	7.263	107	646518	39.114	ng	# 86
22) Acetophenone	7.275	105	913004	37.985	ng	# 92
24) Nitrobenzene	7.439	77	753330	40.482	ng	# 86
25) Isophorone	7.686	82	1417306	41.294	ng	# 88
26) 2-Nitrophenol	7.757	139	296935	49.214	ng	# 74
27) 2,4-Dimethylphenol	7.792	122	630561	47.065	ng	85
28) bis(2-Chloroethoxy)met...	7.892	93	862385	40.048	ng	# 97
29) 2,4-Dichlorophenol	7.998	162	541405	41.224	ng	92
30) 1,2,4-Trichlorobenzene	8.086	180	598635	38.863	ng	96
31) Naphthalene	8.169	128	1841729	38.907	ng	98
32) Benzoic acid	7.916	122	435521	44.839	ng	87
33) 4-Chloroaniline	8.210	127	612226	31.385	ng	# 90
34) Hexachlorobutadiene	8.286	225	359749	37.161	ng	98
35) Caprolactam	8.586	113	190145m	44.227	ng	
36) 4-Chloro-3-methylphenol	8.692	107	642601	41.809	ng	88
37) 2-Methylnaphthalene	8.857	142	1278574	41.962	ng	90
38) 1-Methylnaphthalene	8.957	142	1178460	40.073	ng	90
40) 1,2,4,5-Tetrachloroben...	9.022	216	543624	37.509	ng	98
41) Hexachlorocyclopentadiene	9.016	237	708607	90.525	ng	99
43) 2,4,6-Trichlorophenol	9.133	196	407994	41.247	ng	94

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Operator : JU/CG
Sample : PB140243BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Oct 27 14:55:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 25 18:49:16 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	427649	40.980	ng		98
46) 1,1'-Biphenyl	9.322	154	1472578	38.214	ng		98
47) 2-Chloronaphthalene	9.345	162	1127749	38.816	ng		97
48) 2-Nitroaniline	9.439	65	466661	44.969	ng	#	76
49) Acenaphthylene	9.763	152	1721610	39.228	ng		97
50) Dimethylphthalate	9.628	163	1297163	39.803	ng	#	97
51) 2,6-Dinitrotoluene	9.680	165	297722	46.316	ng	#	70
52) Acenaphthene	9.933	154	1240021	43.477	ng		98
53) 3-Nitroaniline	9.845	138	241368	32.755	ng	#	59
54) 2,4-Dinitrophenol	9.957	184	243539	89.405	ng	#	85
55) Dibenzofuran	10.104	168	1619613	38.019	ng		97
56) 4-Nitrophenol	10.010	139	478095	83.491	ng	#	63
57) 2,4-Dinitrotoluene	10.086	165	384406	48.687	ng	#	92
58) Fluorene	10.445	166	1169565	43.423	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.222	232	359653	42.222	ng	#	88
60) Diethylphthalate	10.328	149	1336310	40.199	ng		97
61) 4-Chlorophenyl-phenyle...	10.439	204	570025	36.362	ng		89
62) 4-Nitroaniline	10.463	138	298257	44.112	ng		84
63) Azobenzene	10.598	77	1522321	39.705	ng		93
65) 4,6-Dinitro-2-methylph...	10.492	198	169088	42.067	ng		95
66) n-Nitrosodiphenylamine	10.557	169	1124956	40.195	ng		96
67) 4-Bromophenyl-phenylether	10.927	248	409394	41.014	ng		96
68) Hexachlorobenzene	10.992	284	435700	41.404	ng	#	91
69) Atrazine	11.086	200	396374	44.718	ng		93
70) Pentachlorophenol	11.186	266	490357	82.540	ng		94
71) Phenanthrene	11.410	178	1850188	38.160	ng		98
72) Anthracene	11.463	178	1912430	39.506	ng		99
73) Carbazole	11.610	167	1683779	36.589	ng		99
74) Di-n-butylphthalate	11.951	149	2009552	40.988	ng		99
75) Fluoranthene	12.592	202	1896422	38.800	ng		97
77) Benzidine	12.716	184	841712	55.625	ng		99
78) Pyrene	12.821	202	1910207	42.313	ng		95
80) Butylbenzylphthalate	13.445	149	723696	49.281	ng	#	85
81) Benzo(a)anthracene	14.010	228	1256186	38.474	ng		99
82) 3,3'-Dichlorobenzidine	13.968	252	362072	34.973	ng		98
83) Chrysene	14.045	228	1304748	39.497	ng		97
84) Bis(2-ethylhexyl)phtha...	14.010	149	747938	47.012	ng	#	97
85) Di-n-octyl phthalate	14.621	149	1185017	48.079	ng	#	96
87) Indeno(1,2,3-cd)pyrene	16.945	276	1255372	46.384	ng	#	92
88) Benzo(b)fluoranthene	15.057	252	1089579	43.940	ng	#	95
89) Benzo(k)fluoranthene	15.086	252	1019977	42.822	ng		98
90) Benzo(a)pyrene	15.421	252	1004812	50.194	ng		96
91) Dibenzo(a,h)anthracene	16.962	278	1058190	48.263	ng		96
92) Benzo(g,h,i)perylene	17.386	276	1109505	48.434	ng	#	89

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

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Misc :
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