Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052021\
Data File : BF124004.D
Acq On : 20 May 2021 12:16
Operator : JU/CG
Sample : PB136559BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 20 12:48:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB136559BS

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	73208	20.00	ng		0.00
21) Naphthalene-d8	8.192	136	291461	20.00	ng		0.00
39) Acenaphthene-d10	9.951	164	161250	20.00	ng		0.00
64) Phenanthrene-d10	11.439	188	279207	20.00	ng		0.01
76) Chrysene-d12	14.080	240	179648	20.00	ng		0.01
86) Perylene-d12	15.574	264	136442	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	559249	107.26	ng		0.03
7) Phenol-d6	6.539	99	678500	100.31	ng		0.02
23) Nitrobenzene-d5	7.475	82	491975	72.73	ng		0.01
42) 2,4,6-Tribromophenol	10.745	330	217329	112.21	ng		0.02
45) 2-Fluorobiphenyl	9.269	172	878350	67.03	ng		0.00
79) Terphenyl-d14	13.021	244	878770	74.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.822	88	81879	35.76	ng		97
3) Pyridine	3.563	79	174676	29.56	ng		98
4) n-Nitrosodimethylamine	3.528	42	140282	36.54	ng	#	92
6) Aniline	6.569	93	242057	31.52	ng		97
8) 2-Chlorophenol	6.692	128	213189	39.29	ng		96
9) Benzaldehyde	6.457	77	27118	9.27	ng		89
10) Phenol	6.551	94	270765	39.61	ng		95
11) bis(2-Chloroethyl)ether	6.639	93	207440	39.04	ng		96
12) 1,3-Dichlorobenzene	6.851	146	234186	37.05	ng		94
13) 1,4-Dichlorobenzene	6.928	146	237962	36.79	ng		95
14) 1,2-Dichlorobenzene	7.075	146	229066	37.90	ng		99
15) Benzyl Alcohol	7.045	79	218172	37.34	ng		91
16) 2,2'-oxybis(1-Chloropr...	7.181	45	405105	37.87	ng		98
17) 2-Methylphenol	7.157	107	172767	39.26	ng		91
18) Hexachloroethane	7.422	117	89066	37.16	ng	#	89
19) n-Nitroso-di-n-propyla...	7.322	70	173669	38.00	ng		96
20) 3+4-Methylphenols	7.310	107	226793	39.13	ng		96
22) Acetophenone	7.322	105	305679	36.93	ng	#	95
24) Nitrobenzene	7.492	77	247786	35.82	ng		97
25) Isophorone	7.734	82	456268	35.06	ng		97
26) 2-Nitrophenol	7.804	139	115333	44.33	ng		96
27) 2,4-Dimethylphenol	7.839	122	189334	38.00	ng		93
28) bis(2-Chloroethoxy)met...	7.939	93	253937	38.81	ng		95
29) 2,4-Dichlorophenol	8.045	162	177847	35.27	ng		97
30) 1,2,4-Trichlorobenzene	8.133	180	198385	34.99	ng		99
31) Naphthalene	8.216	128	601607	34.88	ng		98
32) Benzoic acid	7.969	122	92496	33.83	ng		95
33) 4-Chloroaniline	8.257	127	156464	23.83	ng		95
34) Hexachlorobutadiene	8.333	225	128798	34.70	ng		98
35) Caprolactam	8.639	113	54419m	39.63	ng		
36) 4-Chloro-3-methylphenol	8.739	107	199380	36.15	ng		90
37) 2-Methylnaphthalene	8.904	142	413763	35.39	ng		99
38) 1-Methylnaphthalene	9.004	142	384689	35.26	ng		96
40) 1,2,4,5-Tetrachloroben...	9.075	216	211868	36.43	ng		99
41) Hexachlorocyclopentadiene	9.063	237	245802	66.45	ng		95
43) 2,4,6-Trichlorophenol	9.180	196	134501	35.64	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	136984	34.94	ng		92
46) 1,1'-Biphenyl	9.369	154	517187	36.41	ng		96
47) 2-Chloronaphthalene	9.398	162	389427	34.52	ng		95
48) 2-Nitroaniline	9.486	65	155211	40.74	ng		93
49) Acenaphthylene	9.816	152	621894	37.31	ng		98
50) Dimethylphthalate	9.675	163	473683	36.79	ng		99
51) 2,6-Dinitrotoluene	9.733	165	102860	39.50	ng		85
52) Acenaphthene	9.986	154	462132	40.50	ng		97
53) 3-Nitroaniline	9.898	138	76439	29.54	ng		93
54) 2,4-Dinitrophenol	10.010	184	102222	73.66	ng		88
55) Dibenzofuran	10.157	168	571246	34.86	ng		97
56) 4-Nitrophenol	10.063	139	170440	79.63	ng		97
57) 2,4-Dinitrotoluene	10.139	165	141257	44.23	ng		94
58) Fluorene	10.498	166	441307	35.74	ng		95
59) 2,3,4,6-Tetrachlorophenol	10.275	232	116860	36.25	ng	#	94
60) Diethylphthalate	10.375	149	480017	37.64	ng		95
61) 4-Chlorophenyl-phenyle...	10.486	204	229894	37.15	ng		100
62) 4-Nitroaniline	10.522	138	101897	39.59	ng		92
63) Azobenzene	10.651	77	482358	34.01	ng		93
65) 4,6-Dinitro-2-methylph...	10.545	198	70378	40.13	ng		86
66) n-Nitrosodiphenylamine	10.610	169	389402	36.50	ng		96
67) 4-Bromophenyl-phenylether	10.980	248	138995	37.88	ng		96
68) Hexachlorobenzene	11.051	284	156013	38.09	ng	#	90
69) Atrazine	11.139	200	131092	43.51	ng		98
70) Pentachlorophenol	11.245	266	166893	68.72	ng		97
71) Phenanthrene	11.463	178	635843	35.93	ng		99
72) Anthracene	11.516	178	643356	35.88	ng		98
73) Carbazole	11.669	167	544708	34.72	ng		96
74) Di-n-butylphthalate	11.998	149	728226	37.09	ng		98
75) Fluoranthene	12.651	202	633748	34.59	ng		99
77) Benzidine	12.768	184	149588m	34.51	ng		
78) Pyrene	12.880	202	603687	37.85	ng		98
80) Butylbenzylphthalate	13.498	149	255242	40.81	ng		95
81) Benzo(a)anthracene	14.068	228	470016	36.18	ng		97
82) 3,3'-Dichlorobenzidine	14.027	252	134067	33.22	ng	#	97
83) Chrysene	14.110	228	437102	34.98	ng		97
84) Bis(2-ethylhexyl)phtha...	14.057	149	335088	37.97	ng		97
85) Di-n-octyl phthalate	14.674	149	500724	37.53	ng		98
87) Indeno(1,2,3-cd)pyrene	17.098	276	438037	41.57	ng	#	96
88) Benzo(b)fluoranthene	15.139	252	432445	40.97	ng		96
89) Benzo(k)fluoranthene	15.168	252	375034	38.99	ng		99
90) Benzo(a)pyrene	15.515	252	350464	38.41	ng		97
91) Dibenzo(a,h)anthracene	17.115	278	362114	40.81	ng		97
92) Benzo(g,h,i)perylene	17.556	276	344722	38.74	ng		98

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

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