Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050721\
Data File : BF123870.D
Acq On : 7 May 2021 16:21
Operator : JU/CG
Sample : PB136245BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB136245BS

Manual Integrations APPROVED
mohammad
5/10/2021 3:25:53 PM

Quant Time: May 07 17:35:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 07 13:43:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.775	152	124574	20.00	ng		0.00
21) Naphthalene-d8	8.063	136	538032	20.00	ng		0.00
39) Acenaphthene-d10	9.822	164	334481	20.00	ng		0.00
64) Phenanthrene-d10	11.304	188	642689	20.00	ng		0.00
76) Chrysene-d12	13.945	240	432307	20.00	ng		0.00
86) Perylene-d12	15.386	264	321543	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.404	112	582898	74.13	ng		0.00
7) Phenol-d6	6.422	99	962607	88.87	ng		0.00
23) Nitrobenzene-d5	7.345	82	824314	69.16	ng		0.00
42) 2,4,6-Tribromophenol	10.610	330	341530	82.02	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	1623478	70.68	ng		0.00
79) Terphenyl-d14	12.892	244	1648969	73.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.551	88	136777	32.29	ng		94
3) Pyridine	3.269	79	348224	33.64	ng		94
4) n-Nitrosodimethylamine	3.228	42	249899	43.82	ng	#	77
6) Aniline	6.439	93	437712	34.94	ng	#	18
8) 2-Chlorophenol	6.569	128	411075	48.60	ng		95
9) Benzaldehyde	6.322	77	63928	12.19	ng		96
10) Phenol	6.439	94	554897	47.69	ng	#	66
11) bis(2-Chloroethyl)ether	6.516	93	354052	41.68	ng		98
12) 1,3-Dichlorobenzene	6.716	146	390049	45.64	ng		98
13) 1,4-Dichlorobenzene	6.798	146	389452	45.04	ng		97
14) 1,2-Dichlorobenzene	6.945	146	394966	47.04	ng		97
15) Benzyl Alcohol	6.922	79	414782	48.85	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	902487	49.95	ng		97
17) 2-Methylphenol	7.045	107	372990	51.75	ng		93
18) Hexachloroethane	7.292	117	172325	50.35	ng		95
19) n-Nitroso-di-n-propyla...	7.192	70	339442	50.75	ng		98
20) 3+4-Methylphenols	7.198	107	478369	52.15	ng	#	84
22) Acetophenone	7.192	105	656302	44.88	ng	#	93
24) Nitrobenzene	7.363	77	523819	42.19	ng		97
25) Isophorone	7.604	82	827675	37.04	ng		97
26) 2-Nitrophenol	7.681	139	199492	39.37	ng		98
27) 2,4-Dimethylphenol	7.722	122	341731	42.94	ng		97
28) bis(2-Chloroethoxy)met...	7.816	93	488662	42.91	ng		100
29) 2,4-Dichlorophenol	7.928	162	328490	41.88	ng		96
30) 1,2,4-Trichlorobenzene	8.004	180	366525	44.59	ng		98
31) Naphthalene	8.086	128	1254060	45.26	ng		100
32) Benzoic acid	7.863	122	189669	36.20	ng		98
33) 4-Chloroaniline	8.133	127	288662	24.97	ng		99
34) Hexachlorobutadiene	8.204	225	234532	46.82	ng		99
35) Caprolactam	8.504	113	148861m	54.05	ng		
36) 4-Chloro-3-methylphenol	8.628	107	544838	55.67	ng		93
37) 2-Methylnaphthalene	8.781	142	993557	55.03	ng		97
38) 1-Methylnaphthalene	8.875	142	930620	54.84	ng		98
40) 1,2,4,5-Tetrachloroben...	8.945	216	428964	43.58	ng		99
41) Hexachlorocyclopentadiene	8.933	237	383233	89.62	ng		98
43) 2,4,6-Trichlorophenol	9.057	196	291094	42.93	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	303933	41.78	ng	96
46) 1,1'-Biphenyl	9.245	154	1191274	43.47	ng	99
47) 2-Chloronaphthalene	9.269	162	908033	43.95	ng	98
48) 2-Nitroaniline	9.363	65	399759	43.92	ng	90
49) Acenaphthylene	9.680	152	1461836	43.83	ng	99
50) Dimethylphthalate	9.545	163	1031542	43.79	ng	99
51) 2,6-Dinitrotoluene	9.610	165	233977	42.96	ng	86
52) Acenaphthene	9.857	154	871559	42.89	ng	98
53) 3-Nitroaniline	9.775	138	200580	30.83	ng	96
54) 2,4-Dinitrophenol	9.886	184	242812	83.94	ng	95
55) Dibenzofuran	10.027	168	1305350	42.47	ng	99
56) 4-Nitrophenol	9.957	139	370789	78.26	ng	98
57) 2,4-Dinitrotoluene	10.016	165	313096	42.16	ng	94
58) Fluorene	10.369	166	1042620	44.15	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	255406	44.34	ng	96
60) Diethylphthalate	10.245	149	1071471	42.73	ng	98
61) 4-Chlorophenyl-phenyle...	10.363	204	477769	43.41	ng	95
62) 4-Nitroaniline	10.392	138	269275	41.77	ng	94
63) Azobenzene	10.522	77	1177840	40.86	ng	98
65) 4,6-Dinitro-2-methylph...	10.422	198	167213	41.99	ng	94
66) n-Nitrosodiphenylamine	10.480	169	905551	43.07	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	304215	44.95	ng	97
68) Hexachlorobenzene	10.916	284	345404	44.84	ng	99
69) Atrazine	11.010	200	231140	36.37	ng	97
70) Pentachlorophenol	11.116	266	320808	81.71	ng	98
71) Phenanthrene	11.333	178	1472734	43.69	ng	99
72) Anthracene	11.380	178	1500701	44.77	ng	99
73) Carbazole	11.539	167	1436066	42.39	ng	100
74) Di-n-butylphthalate	11.869	149	1619318	42.58	ng	99
75) Fluoranthene	12.521	202	1606131	43.68	ng	97
77) Benzidine	12.639	184	451233	40.31	ng	98
78) Pyrene	12.745	202	1605099	47.83	ng	99
80) Butylbenzylphthalate	13.368	149	655333	45.71	ng	92
81) Benzo(a)anthracene	13.933	228	1142134	43.60	ng	98
82) 3,3'-Dichlorobenzidine	13.898	252	299239	37.20	ng	98
83) Chrysene	13.974	228	1147376	43.53	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	796335	44.71	ng	98
85) Di-n-octyl phthalate	14.539	149	1197074	42.04	ng	98
87) Indeno(1,2,3-cd)pyrene	16.821	276	1012372	54.06	ng	98
88) Benzo(b)fluoranthene	14.974	252	951313	43.90	ng	99
89) Benzo(k)fluoranthene	15.004	252	891696	43.12	ng	98
90) Benzo(a)pyrene	15.327	252	830901	44.84	ng	97
91) Dibenzo(a,h)anthracene	16.833	278	828601	52.41	ng	99
92) Benzo(g,h,i)perylene	17.251	276	863431	54.53	ng	100

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

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