Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042021\
Data File : BF123641.D
Acq On : 20 Apr 2021 13:57
Operator : JU/CG
Sample : PB135837BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB135837BSD

Manual Integrations APPROVED
mohammad
4/21/2021 11:25:07 AM

Quant Time: Apr 20 15:58:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 15:49:40 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	270005	20.00	ng		0.00
21) Naphthalene-d8	8.139	136	1047237	20.00	ng		0.00
39) Acenaphthene-d10	9.898	164	510339	20.00	ng		0.00
64) Phenanthrene-d10	11.386	188	975933	20.00	ng		0.00
76) Chrysene-d12	14.033	240	725905	20.00	ng		# 0.00
86) Perylene-d12	15.510	264	568692	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	1423881	85.23	ng		0.01
7) Phenol-d6	6.493	99	1886301	81.48	ng		0.00
23) Nitrobenzene-d5	7.416	82	1624261	71.30	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	505053	87.39	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	2440444	71.29	ng		0.00
79) Terphenyl-d14	12.974	244	2462488	65.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	389183	44.59	ng		95
3) Pyridine	3.446	79	1013547	47.49	ng		92
4) n-Nitrosodimethylamine	3.404	42	579585	45.83	ng		97
6) Aniline	6.510	93	928734	34.08	ng	#	80
8) 2-Chlorophenol	6.640	128	821847	45.80	ng		97
9) Benzaldehyde	6.393	77	193605	12.81	ng		95
10) Phenol	6.504	94	1096148	44.59	ng		86
11) bis(2-Chloroethyl)ether	6.587	93	851488	46.58	ng		99
12) 1,3-Dichlorobenzene	6.792	146	839015	45.48	ng		97
13) 1,4-Dichlorobenzene	6.869	146	861736	46.03	ng		98
14) 1,2-Dichlorobenzene	7.022	146	815814	46.38	ng		97
15) Benzyl Alcohol	6.992	79	821403	44.97	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	1838756	44.56	ng		97
17) 2-Methylphenol	7.110	107	735807	47.72	ng		97
18) Hexachloroethane	7.369	117	355727	47.66	ng		97
19) n-Nitroso-di-n-propyla...	7.269	70	659749	43.02	ng		96
20) 3+4-Methylphenols	7.263	107	865413	43.99	ng	#	88
22) Acetophenone	7.263	105	1233634	42.47	ng	#	90
24) Nitrobenzene	7.434	77	1034759	43.14	ng		97
25) Isophorone	7.675	82	1857671	42.03	ng		99
26) 2-Nitrophenol	7.751	139	437241	53.34	ng		98
27) 2,4-Dimethylphenol	7.792	122	722165	47.75	ng		97
28) bis(2-Chloroethoxy)met...	7.887	93	1071693	48.32	ng		99
29) 2,4-Dichlorophenol	7.998	162	654639	44.45	ng		97
30) 1,2,4-Trichlorobenzene	8.081	180	685289	43.30	ng		98
31) Naphthalene	8.157	128	2336210	43.31	ng		99
32) Benzoic acid	7.922	122	538729	53.01	ng		98
33) 4-Chloroaniline	8.204	127	539442	24.35	ng		97
34) Hexachlorobutadiene	8.281	225	419604	42.25	ng		98
35) Caprolactam	8.575	113	225140m	43.79	ng		
36) 4-Chloro-3-methylphenol	8.698	107	828235	43.36	ng		92
37) 2-Methylnaphthalene	8.851	142	1534554	43.38	ng		97
38) 1-Methylnaphthalene	8.951	142	1425266	42.59	ng		100
40) 1,2,4,5-Tetrachloroben...	9.022	216	635775	45.14	ng		99
41) Hexachlorocyclopentadiene	9.010	237	820065	112.04	ng		98
43) 2,4,6-Trichlorophenol	9.134	196	452311	47.32	ng		98

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44) 2,4,5-Trichlorophenol	9.181	196	496794	47.55	ng		99
46) 1,1'-Biphenyl	9.316	154	1805594	45.21	ng		99
47) 2-Chloronaphthalene	9.345	162	1367736	45.50	ng		98
48) 2-Nitroaniline	9.439	65	609262	48.65	ng		96
49) Acenaphthylene	9.763	152	2210533	44.96	ng		98
50) Dimethylphthalate	9.622	163	1579672	44.80	ng		100
51) 2,6-Dinitrotoluene	9.681	165	359661	46.47	ng		98
52) Acenaphthene	9.933	154	1586952m	50.30	ng		
53) 3-Nitroaniline	9.851	138	297345	33.12	ng		94
54) 2,4-Dinitrophenol	9.957	184	419781	123.48	ng		94
55) Dibenzofuran	10.104	168	1963026	43.38	ng		99
56) 4-Nitrophenol	10.028	139	641348	93.23	ng		94
57) 2,4-Dinitrotoluene	10.086	165	477762	46.22	ng		92
58) Fluorene	10.451	166	1530270	43.02	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	394708	47.44	ng		99
60) Diethylphthalate	10.322	149	1699578	44.03	ng		98
61) 4-Chlorophenyl-phenyle...	10.439	204	708009	43.12	ng		99
62) 4-Nitroaniline	10.469	138	403039	44.45	ng		100
63) Azobenzene	10.598	77	1866460	42.69	ng		97
65) 4,6-Dinitro-2-methylph...	10.492	198	272434	53.50	ng		98
66) n-Nitrosodiphenylamine	10.557	169	1366708	43.75	ng		99
67) 4-Bromophenyl-phenylether	10.928	248	447256	43.84	ng		91
68) Hexachlorobenzene	10.998	284	513043	44.61	ng		98
69) Atrazine	11.086	200	367681	37.76	ng		98
70) Pentachlorophenol	11.192	266	558562	92.97	ng		98
71) Phenanthrene	11.410	178	2168172	42.57	ng		99
72) Anthracene	11.463	178	2224058	43.69	ng		100
73) Carbazole	11.616	167	2089103	41.11	ng		98
74) Di-n-butylphthalate	11.951	149	2608874	42.42	ng		99
75) Fluoranthene	12.604	202	2373668	42.40	ng		99
77) Benzidine	12.722	184	813143	41.21	ng		99
78) Pyrene	12.833	202	2396368	45.23	ng		99
80) Butylbenzylphthalate	13.451	149	1120934	45.03	ng		99
81) Benzo(a)anthracene	14.021	228	1861377	41.84	ng		100
82) 3,3'-Dichlorobenzidine	13.986	252	499270	35.14	ng		97
83) Chrysene	14.063	228	1865864	41.77	ng		99
84) Bis(2-ethylhexyl)phtha...	14.016	149	1443605	43.61	ng		100
85) Di-n-octyl phthalate	14.627	149	2500112	46.93	ng		99
87) Indeno(1,2,3-cd)pyrene	16.992	276	1406533	46.36	ng		98
88) Benzo(b)fluoranthene	15.080	252	1652387	41.15	ng	#	98
89) Benzo(k)fluoranthene	15.110	252	1662549	46.27	ng		98
90) Benzo(a)pyrene	15.451	252	1435400	44.94	ng		98
91) Dibenzo(a,h)anthracene	17.009	278	1169342	45.56	ng	#	96
92) Benzo(g,h,i)perylene	17.439	276	1134571	45.75	ng		97

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

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