Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
Data File : BF123460.D
Acq On : 25 Mar 2021 14:18
Operator : JU/CG
Sample : PB135322BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB135322BS

Manual Integrations APPROVED
mohammad
3/26/2021 1:27:34 PM

Quant Time: Mar 25 16:09:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 25 12:42:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	238810	20.00	ng		0.00
21) Naphthalene-d8	8.186	136	900184	20.00	ng		# 0.00
39) Acenaphthene-d10	9.945	164	496086	20.00	ng		0.00
64) Phenanthrene-d10	11.433	188	921678	20.00	ng		0.00
76) Chrysene-d12	14.086	240	737402	20.00	ng		0.00
86) Perylene-d12	15.580	264	557054	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	1562553	107.04	ng		0.02
7) Phenol-d6	6.534	99	2031374	104.54	ng		0.00
23) Nitrobenzene-d5	7.463	82	1172360	70.29	ng		0.00
42) 2,4,6-Tribromophenol	10.739	330	653492	117.83	ng		0.00
45) 2-Fluorobiphenyl	9.269	172	2123075	61.14	ng		0.00
79) Terphenyl-d14	13.027	244	2398848	55.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.787	88	266867	38.01	ng	#	68
3) Pyridine	3.534	79	709833	38.45	ng	#	63
4) n-Nitrosodimethylamine	3.487	42	439257	39.77	ng	#	68
6) Aniline	6.563	93	772491	32.49	ng		94
8) 2-Chlorophenol	6.687	128	660596	41.04	ng		87
9) Benzaldehyde	6.445	77	186623	16.12	ng		98
10) Phenol	6.545	94	858848	43.06	ng		96
11) bis(2-Chloroethyl)ether	6.634	93	676688	42.55	ng	#	81
12) 1,3-Dichlorobenzene	6.845	146	694766	40.00	ng		98
13) 1,4-Dichlorobenzene	6.916	146	714850	41.15	ng		96
14) 1,2-Dichlorobenzene	7.069	146	688915	42.69	ng		97
15) Benzyl Alcohol	7.040	79	601262	39.52	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1441289	40.38	ng		86
17) 2-Methylphenol	7.151	107	552597	41.75	ng		97
18) Hexachloroethane	7.416	117	275902	42.39	ng		96
19) n-Nitroso-di-n-propyla...	7.316	70	499242	39.72	ng	#	77
20) 3+4-Methylphenols	7.304	107	665525	40.37	ng		93
22) Acetophenone	7.310	105	913278	40.41	ng	#	86
24) Nitrobenzene	7.481	77	750114	40.68	ng		93
25) Isophorone	7.722	82	1388585	38.72	ng		98
26) 2-Nitrophenol	7.798	139	337545	51.21	ng	#	88
27) 2,4-Dimethylphenol	7.834	122	633704	43.23	ng		98
28) bis(2-Chloroethoxy)met...	7.934	93	849381	43.95	ng		100
29) 2,4-Dichlorophenol	8.039	162	586100	40.74	ng		94
30) 1,2,4-Trichlorobenzene	8.128	180	627793	40.00	ng		99
31) Naphthalene	8.210	128	1888657	39.02	ng		100
32) Benzoic acid	7.963	122	462122	53.43	ng		96
33) 4-Chloroaniline	8.251	127	425710	21.44	ng	#	94
34) Hexachlorobutadiene	8.328	225	366434	38.27	ng		99
35) Caprolactam	8.628	113	191842m	44.34	ng		
36) 4-Chloro-3-methylphenol	8.734	107	624178	41.34	ng		96
37) 2-Methylnaphthalene	8.904	142	1312769	39.57	ng		99
38) 1-Methylnaphthalene	9.004	142	1231178	39.53	ng		99
40) 1,2,4,5-Tetrachloroben...	9.069	216	589581	39.94	ng		98
41) Hexachlorocyclopentadiene	9.057	237	675443	81.95	ng		95
43) 2,4,6-Trichlorophenol	9.175	196	415483	40.20	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	450793	41.50	ng		98
46) 1,1'-Biphenyl	9.369	154	1538445	40.24	ng		98
47) 2-Chloronaphthalene	9.392	162	1221546	39.17	ng		99
48) 2-Nitroaniline	9.486	65	447798	47.32	ng	#	78
49) Acenaphthylene	9.810	152	1914329	39.24	ng		100
50) Dimethylphthalate	9.669	163	1441647	40.92	ng		99
51) 2,6-Dinitrotoluene	9.728	165	323271	43.92	ng	#	80
52) Acenaphthene	9.980	154	1355380	44.51	ng		99
53) 3-Nitroaniline	9.892	138	251499	32.35	ng		82
54) 2,4-Dinitrophenol	10.004	184	346386	96.85	ng		95
55) Dibenzofuran	10.157	168	1691287	38.63	ng		99
56) 4-Nitrophenol	10.057	139	560097	89.34	ng	#	64
57) 2,4-Dinitrotoluene	10.133	165	434152	47.26	ng		92
58) Fluorene	10.498	166	1288066	38.97	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	385648	43.49	ng		94
60) Diethylphthalate	10.369	149	1420681	41.30	ng		99
61) 4-Chlorophenyl-phenyle...	10.486	204	643520	39.84	ng		95
62) 4-Nitroaniline	10.516	138	337985	45.88	ng		94
63) Azobenzene	10.651	77	1453500	38.40	ng		92
65) 4,6-Dinitro-2-methylph...	10.539	198	241826	48.69	ng	#	69
66) n-Nitrosodiphenylamine	10.610	169	1176799	38.11	ng		99
67) 4-Bromophenyl-phenylether	10.980	248	437751	40.10	ng		98
68) Hexachlorobenzene	11.045	284	489398	40.68	ng		97
69) Atrazine	11.133	200	368318	37.52	ng		97
70) Pentachlorophenol	11.239	266	576747	80.35	ng		98
71) Phenanthrene	11.463	178	1969816	38.66	ng		100
72) Anthracene	11.516	178	2013817	39.29	ng		99
73) Carbazole	11.669	167	1863958	38.50	ng		99
74) Di-n-butylphthalate	11.998	149	2228726	40.43	ng		100
75) Fluoranthene	12.651	202	2227442	40.38	ng		98
77) Benzidine	12.769	184	675195	30.74	ng		98
78) Pyrene	12.886	202	2262357	35.57	ng		99
80) Butylbenzylphthalate	13.504	149	956561	40.55	ng		96
81) Benzo(a)anthracene	14.074	228	1851737	38.37	ng		98
82) 3,3'-Dichlorobenzidine	14.033	252	517696	32.98	ng	#	98
83) Chrysene	14.116	228	1858414	37.30	ng		97
84) Bis(2-ethylhexyl)phtha...	14.068	149	1241477	39.97	ng		98
85) Di-n-octyl phthalate	14.686	149	2134663	43.48	ng	#	88
87) Indeno(1,2,3-cd)pyrene	17.092	276	1388581	40.11	ng		99
88) Benzo(b)fluoranthene	15.145	252	1737247	45.20	ng		97
89) Benzo(k)fluoranthene	15.174	252	1648322	45.37	ng		98
90) Benzo(a)pyrene	15.521	252	1450969	43.74	ng		99
91) Dibenzo(a,h)anthracene	17.115	278	1169649	39.80	ng		99
92) Benzo(g,h,i)perylene	17.556	276	1125761	38.27	ng		97

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

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