Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092221\
Data File : BP007094.D
Acq On : 22 Sep 2021 12:30
Operator : CG/JU
Sample : PB139245BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB139245BS

Manual Integrations APPROVED
mohammad
9/23/2021 1:21:19 PM

Quant Time: Sep 22 13:14:28 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 16:50:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.905	152	268830	20.000	ng		0.00
21) Naphthalene-d8	10.704	136	1077085	20.000	ng	#	0.00
39) Acenaphthene-d10	14.534	164	679293	20.000	ng		0.00
64) Phenanthrene-d10	17.281	188	1381751	20.000	ng	#	0.00
76) Chrysene-d12	21.369	240	1349134	20.000	ng	#	0.00
86) Perylene-d12	23.780	264	1318961	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	2289832	142.583	ng		0.00
7) Phenol-d6	7.069	99	2816636	128.323	ng		0.00
23) Nitrobenzene-d5	9.063	82	1593702	86.169	ng		0.00
42) 2,4,6-Tribromophenol	16.022	330	1152553	130.872	ng		0.00
45) 2-Fluorobiphenyl	13.157	172	3970637	83.740	ng		0.00
79) Terphenyl-d14	19.839	244	6060881	86.086	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.364	88	243480	37.491	ng	#	87
3) Pyridine	3.770	79	571092	32.135	ng	#	86
4) n-Nitrosodimethylamine	3.675	42	292376	47.990	ng	#	77
6) Aniline	7.228	93	1084503	44.824	ng		99
8) 2-Chlorophenol	7.463	128	865911	49.611	ng		98
9) Benzaldehyde	7.040	77	459839m	37.191	ng		
10) Phenol	7.099	94	1048731	49.557	ng		90
11) bis(2-Chloroethyl)ether	7.328	93	776596	46.491	ng		95
12) 1,3-Dichlorobenzene	7.793	146	899473	45.687	ng		96
13) 1,4-Dichlorobenzene	7.940	146	918951	45.785	ng		98
14) 1,2-Dichlorobenzene	8.258	146	890941	45.807	ng		97
15) Benzyl Alcohol	8.146	79	677190	48.170	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.434	45	915546	47.867	ng		88
17) 2-Methylphenol	8.346	107	698994	48.997	ng		93
18) Hexachloroethane	8.981	117	316384	46.950	ng		98
19) n-Nitroso-di-n-propyla...	8.716	70	543600	45.535	ng		97
20) 3+4-Methylphenols	8.675	107	944073	47.860	ng		94
22) Acetophenone	8.728	105	1188397	45.791	ng	#	99
24) Nitrobenzene	9.105	77	834965	47.351	ng		97
25) Isophorone	9.634	82	1473249	45.681	ng		99
26) 2-Nitrophenol	9.816	139	434215	47.223	ng	#	89
27) 2,4-Dimethylphenol	9.881	122	775479	53.564	ng		95
28) bis(2-Chloroethoxy)met...	10.116	93	998194	43.871	ng		99
29) 2,4-Dichlorophenol	10.352	162	806490	47.754	ng		98
30) 1,2,4-Trichlorobenzene	10.569	180	857425	44.566	ng		99
31) Naphthalene	10.752	128	2493319	45.358	ng		100
32) Benzoic acid	10.022	122	517782	46.533	ng		96
33) 4-Chloroaniline	10.863	127	792871	34.912	ng		99
34) Hexachlorobutadiene	11.040	225	507746	44.076	ng		98
35) Caprolactam	11.657	113	243639m	46.894	ng		
36) 4-Chloro-3-methylphenol	11.987	107	805788	46.940	ng		98
37) 2-Methylnaphthalene	12.363	142	1813160	47.106	ng		95
38) 1-Methylnaphthalene	12.581	142	1678043	44.618	ng		100
40) 1,2,4,5-Tetrachloroben...	12.728	216	949421	45.640	ng		99
41) Hexachlorocyclopentadiene	12.710	237	1163484	100.915	ng		99
43) 2,4,6-Trichlorophenol	12.969	196	644165	45.382	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.034	196	706319	46.209	ng		97
46) 1,1'-Biphenyl	13.369	154	2188028	43.304	ng		99
47) 2-Chloronaphthalene	13.410	162	1770868	45.245	ng		97
48) 2-Nitroaniline	13.610	65	466757	48.913	ng		97
49) Acenaphthylene	14.251	152	2766049	45.884	ng		99
50) Dimethylphthalate	13.993	163	2206501	45.163	ng		99
51) 2,6-Dinitrotoluene	14.110	165	486875	48.785	ng		91
52) Acenaphthene	14.598	154	1653688	45.277	ng		100
53) 3-Nitroaniline	14.440	138	432309	40.063	ng		98
54) 2,4-Dinitrophenol	14.645	184	611837	106.426	ng		89
55) Dibenzofuran	14.928	168	2674326	43.886	ng		95
56) 4-Nitrophenol	14.745	139	914115	104.347	ng	#	80
57) 2,4-Dinitrotoluene	14.893	165	669480	50.835	ng		94
58) Fluorene	15.581	166	2130887	45.264	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.157	232	606598m	45.194	ng		
60) Diethylphthalate	15.357	149	2151650	45.450	ng		98
61) 4-Chlorophenyl-phenyle...	15.575	204	1092937	43.933	ng		92
62) 4-Nitroaniline	15.598	138	515516	47.503	ng	#	80
63) Azobenzene	15.869	77	1871463	45.619	ng		93
65) 4,6-Dinitro-2-methylph...	15.657	198	372008	44.864	ng		98
66) n-Nitrosodiphenylamine	15.787	169	1901248	46.244	ng		99
67) 4-Bromophenyl-phenylether	16.469	248	677048	44.708	ng		95
68) Hexachlorobenzene	16.587	284	764387	45.671	ng		98
69) Atrazine	16.745	200	694185	47.902	ng		97
70) Pentachlorophenol	16.928	266	1031376	99.228	ng		99
71) Phenanthrene	17.322	178	3404780	45.956	ng		99
72) Anthracene	17.416	178	3436095	47.410	ng		99
73) Carbazole	17.686	167	3150385	44.358	ng		98
74) Di-n-butylphthalate	18.239	149	3630077	46.121	ng		98
75) Fluoranthene	19.286	202	3998246	46.840	ng		97
77) Benzidine	19.469	184	2099305	50.633	ng		99
78) Pyrene	19.639	202	4120439	46.551	ng		99
80) Butylbenzylphthalate	20.516	149	1643314	46.359	ng		96
81) Benzo(a)anthracene	21.351	228	3951823	45.127	ng		99
82) 3,3'-Dichlorobenzidine	21.280	252	1432897	47.645	ng		99
83) Chrysene	21.404	228	3836454	45.838	ng		98
84) Bis(2-ethylhexyl)phtha...	21.275	149	2406362	47.218	ng		98
85) Di-n-octyl phthalate	22.204	149	4163537	47.986	ng		99
87) Indeno(1,2,3-cd)pyrene	26.310	276	4721081	49.807	ng	#	94
88) Benzo(b)fluoranthene	23.045	252	4196913	53.244	ng	#	98
89) Benzo(k)fluoranthene	23.092	252	3980741	49.880	ng	#	98
90) Benzo(a)pyrene	23.674	252	3986856	59.534	ng	#	98
91) Dibenzo(a,h)anthracene	26.333	278	4057711	51.082	ng	#	95
92) Benzo(g,h,i)perylene	27.092	276	3997198	51.564	ng	#	94

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

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