Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122921\
Data File : BP008593.D
Acq On : 29 Dec 2021 11:22
Operator : CG/JU
Sample : PB141666BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 29 14:31:50 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 29 13:29:13 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB141666BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/29/2021
Supervised By :mohammad ahmed 12/31/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	736963	20.000	ng	0.00
21) Naphthalene-d8	10.699	136	3089724	20.000	ng	0.00
39) Acenaphthene-d10	14.528	164	2128601	20.000	ng	0.00
64) Phenanthrene-d10	17.281	188	4293471	20.000	ng	0.00
76) Chrysene-d12	21.357	240	3471945	20.000	ng	0.00
86) Perylene-d12	23.780	264	2748236	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	5603419	138.782	ng	0.00
7) Phenol-d6	7.069	99	7000180	124.560	ng	0.01
23) Nitrobenzene-d5	9.057	82	4182857	80.536	ng	0.00
42) 2,4,6-Tribromophenol	16.022	330	3648028	126.672	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	11608193	82.383	ng	0.00
79) Terphenyl-d14	19.827	244	13363597	96.136	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	545295	33.431	ng	99
3) Pyridine	3.769	79	1282807	28.831	ng	98
4) n-Nitrosodimethylamine	3.681	42	635733	44.250	ng	97
6) Aniline	7.222	93	1897883	29.056	ng	99
8) 2-Chlorophenol	7.463	128	2261050	47.541	ng	99
9) Benzaldehyde	7.034	77	1249662	37.450	ng	99
10) Phenol	7.093	94	2662777	46.934	ng	100
11) bis(2-Chloroethyl)ether	7.322	93	1964535	42.933	ng	99
12) 1,3-Dichlorobenzene	7.787	146	2321469	41.699	ng	100
13) 1,4-Dichlorobenzene	7.934	146	2379587	42.022	ng	100
14) 1,2-Dichlorobenzene	8.252	146	2302057	41.612	ng	99
15) Benzyl Alcohol	8.140	79	1766343	43.880	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.434	45	2222463	42.684	ng	100
17) 2-Methylphenol	8.340	107	1829827	46.347	ng	99
18) Hexachloroethane	8.987	117	794382	43.028	ng	97
19) n-Nitroso-di-n-propyla...	8.710	70	1451808	40.453	ng	99
20) 3+4-Methylphenols	8.669	107	2476571	44.651	ng	98
22) Acetophenone	8.722	105	3079293	41.562	ng	99
24) Nitrobenzene	9.099	77	2133021	43.121	ng	100
25) Isophorone	9.634	82	4022224	41.456	ng	100
26) 2-Nitrophenol	9.810	139	1055729	44.936	ng	99
27) 2,4-Dimethylphenol	9.875	122	2136832	50.404	ng	100
28) bis(2-Chloroethoxy)met...	10.110	93	2745527	40.872	ng	99
29) 2,4-Dichlorophenol	10.346	162	2356808	45.933	ng	99
30) 1,2,4-Trichlorobenzene	10.563	180	2487050	41.106	ng	99
31) Naphthalene	10.751	128	6640874	41.410	ng	99
32) Benzoic acid	10.034	122	1186969	44.542	ng	100
33) 4-Chloroaniline	10.857	127	500385	7.277	ng	98
34) Hexachlorobutadiene	11.051	225	1497221	40.762	ng	100
35) Caprolactam	11.646	113	665908m	39.498	ng	
36) 4-Chloro-3-methylphenol	11.981	107	2214895	43.185	ng	100
37) 2-Methylnaphthalene	12.357	142	5115178	42.375	ng	99
38) 1-Methylnaphthalene	12.581	142	4750173	40.249	ng	100
40) 1,2,4,5-Tetrachloroben...	12.728	216	2971133	44.306	ng	99
41) Hexachlorocyclopentadiene	12.716	237	3878688	108.769	ng	99
43) 2,4,6-Trichlorophenol	12.963	196	1918987	43.983	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.034	196	2133313	44.283	ng	98
46) 1,1'-Biphenyl	13.369	154	6756989	42.917	ng	99
47) 2-Chloronaphthalene	13.404	162	5153707	41.768	ng	99
48) 2-Nitroaniline	13.604	65	1168543	43.201	ng	97
49) Acenaphthylene	14.251	152	7979787	42.103	ng	99
50) Dimethylphthalate	13.992	163	6613315	40.338	ng	99
51) 2,6-Dinitrotoluene	14.104	165	1493303	44.388	ng	96
52) Acenaphthene	14.592	154	5491518m	44.286	ng	
53) 3-Nitroaniline	14.428	138	572307	16.345	ng	99
54) 2,4-Dinitrophenol	14.634	184	1267269	81.974	ng	98
55) Dibenzofuran	14.928	168	7892795	39.702	ng	99
56) 4-Nitrophenol	14.740	139	2300163	83.423	ng	98
57) 2,4-Dinitrotoluene	14.887	165	2002185	44.604	ng	97
58) Fluorene	15.581	166	6235024	40.247	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.157	232	1820545m	42.169	ng	
60) Diethylphthalate	15.357	149	6434505	40.151	ng	99
61) 4-Chlorophenyl-phenyle...	15.575	204	3473746	40.253	ng	99
62) 4-Nitroaniline	15.592	138	1295371	36.428	ng	99
63) Azobenzene	15.869	77	5212680	40.302	ng	99
65) 4,6-Dinitro-2-methylph...	15.651	198	840021	38.909	ng	99
66) n-Nitrosodiphenylamine	15.787	169	5670622	43.763	ng	99
67) 4-Bromophenyl-phenylether	16.469	248	2096094	44.617	ng	99
68) Hexachlorobenzene	16.586	284	2569933	44.564	ng	99
69) Atrazine	16.745	200	2078706	42.887	ng	99
70) Pentachlorophenol	16.928	266	2929235	93.258	ng	99
71) Phenanthrene	17.322	178	9781605	42.258	ng	100
72) Anthracene	17.410	178	9909992	43.938	ng	99
73) Carbazole	17.681	167	8638097	39.021	ng	100
74) Di-n-butylphthalate	18.239	149	10477495	43.261	ng	100
75) Fluoranthene	19.280	202	10973814	39.274	ng	100
77) Benzidine	19.457	184	3280956	33.006	ng	100
78) Pyrene	19.633	202	10939521	48.433	ng	100
80) Butylbenzylphthalate	20.510	149	4214435	46.780	ng	99
81) Benzo(a)anthracene	21.339	228	9514373	42.241	ng	100
82) 3,3'-Dichlorobenzidine	21.274	252	1939201	23.415	ng	99
83) Chrysene	21.398	228	9000107	42.731	ng	99
84) Bis(2-ethylhexyl)phtha...	21.280	149	6341450	46.597	ng	99
85) Di-n-octyl phthalate	22.210	149	9862859	46.820	ng	100
87) Indeno(1,2,3-cd)pyrene	26.315	276	8478435	45.928	ng	100
88) Benzo(b)fluoranthene	23.045	252	8338364	47.179	ng	100
89) Benzo(k)fluoranthene	23.098	252	8205114	46.700	ng	99
90) Benzo(a)pyrene	23.680	252	7661346	53.771	ng	100
91) Dibenzo(a,h)anthracene	26.333	278	7249540	46.552	ng	99
92) Benzo(g,h,i)perylene	27.086	276	7010497	48.142	ng	100

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

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