Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP123021\
Data File : BP008604.D
Acq On : 30 Dec 2021 11:36
Operator : CG/JU
Sample : PB141550BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 30 14:06:58 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 30 08:44:33 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB141550BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/31/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	754418	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	3069425	20.000	ng	0.00
39) Acenaphthene-d10	14.533	164	2040800	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	4206603	20.000	ng	0.00
76) Chrysene-d12	21.362	240	3866636	20.000	ng	0.00
86) Perylene-d12	23.786	264	3800247	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	5837464	141.234	ng	0.01
7) Phenol-d6	7.069	99	7177231	124.756	ng	0.01
23) Nitrobenzene-d5	9.063	82	4151555	80.461	ng	0.00
42) 2,4,6-Tribromophenol	16.022	330	3563566	129.062	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	11198729	79.503	ng	0.00
79) Terphenyl-d14	19.833	244	13661977	72.142	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	567676	33.998	ng	99
3) Pyridine	3.775	79	1369557	30.069	ng	99
4) n-Nitrosodimethylamine	3.681	42	660805	44.931	ng	100
6) Aniline	7.228	93	1921375	28.735	ng	99
8) 2-Chlorophenol	7.463	128	2311463	47.476	ng	99
9) Benzaldehyde	7.034	77	1283214	39.190	ng	99
10) Phenol	7.099	94	2723735	46.897	ng	99
11) bis(2-Chloroethyl)ether	7.322	93	1982494	42.323	ng	100
12) 1,3-Dichlorobenzene	7.793	146	2390356	41.943	ng	99
13) 1,4-Dichlorobenzene	7.940	146	2434858	42.003	ng	99
14) 1,2-Dichlorobenzene	8.257	146	2365757	41.774	ng	99
15) Benzyl Alcohol	8.140	79	1783081	43.270	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.440	45	2107473	39.539	ng	99
17) 2-Methylphenol	8.346	107	1828299	45.237	ng	99
18) Hexachloroethane	8.987	117	795664	42.101	ng	97
19) n-Nitroso-di-n-propyla...	8.716	70	1402474	38.175	ng	99
20) 3+4-Methylphenols	8.675	107	2497214	43.981	ng	99
22) Acetophenone	8.722	105	3053453	41.486	ng	99
24) Nitrobenzene	9.104	77	2112393	42.987	ng	100
25) Isophorone	9.634	82	3870449	40.155	ng	99
26) 2-Nitrophenol	9.816	139	1128885	48.368	ng	99
27) 2,4-Dimethylphenol	9.881	122	2107354	50.038	ng	98
28) bis(2-Chloroethoxy)met...	10.116	93	2603538	39.014	ng	99
29) 2,4-Dichlorophenol	10.351	162	2331707	45.745	ng	99
30) 1,2,4-Trichlorobenzene	10.569	180	2490425	41.434	ng	99
31) Naphthalene	10.757	128	6559552	41.173	ng	99
32) Benzoic acid	10.040	122	1295581	48.705	ng	97
33) 4-Chloroaniline	10.857	127	464457	6.799	ng	99
34) Hexachlorobutadiene	11.051	225	1474720	40.415	ng	99
35) Caprolactam	11.645	113	692827m	41.352	ng	
36) 4-Chloro-3-methylphenol	11.987	107	2162703	42.446	ng	99
37) 2-Methylnaphthalene	12.363	142	4978694	41.517	ng	100
38) 1-Methylnaphthalene	12.581	142	4585696	39.112	ng	100
40) 1,2,4,5-Tetrachloroben...	12.734	216	2881456	44.817	ng	99
41) Hexachlorocyclopentadiene	12.722	237	3678345	107.588	ng	100
43) 2,4,6-Trichlorophenol	12.969	196	1890608	45.196	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.039	196	2086369	45.172	ng	99
46) 1,1'-Biphenyl	13.369	154	6472286	42.878	ng	99
47) 2-Chloronaphthalene	13.410	162	5004135	42.300	ng	99
48) 2-Nitroaniline	13.604	65	1160701	44.757	ng	97
49) Acenaphthylene	14.251	152	7757441	42.690	ng	99
50) Dimethylphthalate	13.992	163	6320019	40.208	ng	99
51) 2,6-Dinitrotoluene	14.104	165	1444117	44.773	ng	97
52) Acenaphthene	14.598	154	5336984m	44.889	ng	
53) 3-Nitroaniline	14.428	138	509965	15.191	ng	98
54) 2,4-Dinitrophenol	14.633	184	1316834	91.664	ng	100
55) Dibenzofuran	14.933	168	7580292	39.771	ng	100
56) 4-Nitrophenol	14.745	139	2378080	89.960	ng	95
57) 2,4-Dinitrotoluene	14.892	165	1966737	45.700	ng	100
58) Fluorene	15.580	166	5991969	40.343	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.157	232	1773697m	42.865	ng	
60) Diethylphthalate	15.363	149	6009560	39.113	ng	99
61) 4-Chlorophenyl-phenyle...	15.575	204	3264662	39.457	ng	99
62) 4-Nitroaniline	15.592	138	1297860	38.068	ng	99
63) Azobenzene	15.869	77	4851651	39.124	ng	99
65) 4,6-Dinitro-2-methylph...	15.657	198	881373	41.667	ng	98
66) n-Nitrosodiphenylamine	15.792	169	5474571	43.122	ng	100
67) 4-Bromophenyl-phenylether	16.474	248	1958665	42.553	ng	98
68) Hexachlorobenzene	16.592	284	2475114	43.806	ng	98
69) Atrazine	16.745	200	2006956	42.262	ng	99
70) Pentachlorophenol	16.933	266	2972643	96.594	ng	99
71) Phenanthrene	17.327	178	9585986	42.268	ng	100
72) Anthracene	17.416	178	9698462	43.888	ng	99
73) Carbazole	17.680	167	8732969	40.264	ng	100
74) Di-n-butylphthalate	18.245	149	9815877	41.366	ng	100
75) Fluoranthene	19.286	202	11094973	42.531	ng	99
77) Benzidine	19.457	184	4192842	36.093	ng	99
78) Pyrene	19.639	202	11183923	44.461	ng	99
80) Butylbenzylphthalate	20.515	149	4284463	42.703	ng	97
81) Benzo(a)anthracene	21.345	228	10438566	41.614	ng	100
82) 3,3'-Dichlorobenzidine	21.274	252	2219179	24.061	ng	98
83) Chrysene	21.404	228	9996454	42.618	ng	100
84) Bis(2-ethylhexyl)phtha...	21.280	149	6152164	40.592	ng	100
85) Di-n-octyl phthalate	22.215	149	10240982	43.653	ng	100
87) Indeno(1,2,3-cd)pyrene	26.321	276	11325115	44.366	ng	99
88) Benzo(b)fluoranthene	23.051	252	10897547	44.590	ng	99
89) Benzo(k)fluoranthene	23.104	252	10493269	43.190	ng	99
90) Benzo(a)pyrene	23.680	252	10366905	52.618	ng	99
91) Dibenzo(a,h)anthracene	26.345	278	9660136	44.859	ng	99
92) Benzo(g,h,i)perylene	27.097	276	9063733	45.012	ng	99

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

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