Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060122\
Data File : BP010646.D
Acq On : 01 Jun 2022 12:05
Operator : CG/JU
Sample : PB145180BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 02 05:02:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 28 02:18:04 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB145180BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo
06/02/2022
Supervised By :Jagrut Upadhyay
06/02/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	181512	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	740498	20.000	ng		0.00
39) Acenaphthene-d10	14.498	164	453033	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	825852	20.000	ng		0.00
76) Chrysene-d12	21.339	240	512800	20.000	ng		0.00
86) Perylene-d12	23.751	264	420720	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	1431500	143.875	ng		0.00
7) Phenol-d6	7.046	99	1846328	130.713	ng		0.00
23) Nitrobenzene-d5	9.028	82	1237199	78.991	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	637350	124.285	ng		0.00
45) 2-Fluorobiphenyl	13.122	172	2582113	80.891	ng		0.00
79) Terphenyl-d14	19.810	244	2774039	101.609	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	114546	27.110	ng		99
3) Pyridine	3.758	79	316278	26.729	ng		95
4) n-Nitrosodimethylamine	3.664	42	264804	36.702	ng		92
6) Aniline	7.193	93	676508	40.709	ng		97
8) 2-Chlorophenol	7.434	128	509278	45.351	ng		99
9) Benzaldehyde	7.005	77	303935m	32.698	ng		
10) Phenol	7.069	94	660636	45.228	ng		97
11) bis(2-Chloroethyl)ether	7.287	93	480929	41.542	ng		99
12) 1,3-Dichlorobenzene	7.752	146	530315	40.749	ng		96
13) 1,4-Dichlorobenzene	7.899	146	548395	41.123	ng		97
14) 1,2-Dichlorobenzene	8.216	146	523552	41.012	ng		98
15) Benzyl Alcohol	8.110	79	495467m	43.757	ng		
16) 2,2'-oxybis(1-Chloropr...	8.393	45	808547	37.357	ng		100
17) 2-Methylphenol	8.316	107	427890	43.649	ng		97
18) Hexachloroethane	8.940	117	205626	39.863	ng		99
19) n-Nitroso-di-n-propyla...	8.675	70	405881	39.397	ng		98
20) 3+4-Methylphenols	8.646	107	580220	43.058	ng		96
22) Acetophenone	8.693	105	769245	39.834	ng	#	97
24) Nitrobenzene	9.069	77	609556	38.522	ng		97
25) Isophorone	9.599	82	1064278	40.676	ng		97
26) 2-Nitrophenol	9.781	139	273739	44.388	ng		94
27) 2,4-Dimethylphenol	9.846	122	453784	49.507	ng		98
28) bis(2-Chloroethoxy)met...	10.075	93	625267	43.259	ng		98
29) 2,4-Dichlorophenol	10.316	162	470712	42.717	ng		97
30) 1,2,4-Trichlorobenzene	10.528	180	513110	39.586	ng		99
31) Naphthalene	10.716	128	1502859	38.525	ng		99
32) Benzoic acid	10.022	122	269163	38.815	ng		99
33) 4-Chloroaniline	10.828	127	439941	29.194	ng		99
34) Hexachlorobutadiene	10.999	225	328787	37.571	ng		100
35) Caprolactam	11.628	113	142203m	44.708	ng		
36) 4-Chloro-3-methylphenol	11.963	107	529206	42.152	ng		99
37) 2-Methylnaphthalene	12.322	142	1046657	38.452	ng		98
38) 1-Methylnaphthalene	12.540	142	997675	37.531	ng		99
40) 1,2,4,5-Tetrachloroben...	12.698	216	566356	40.187	ng		99
41) Hexachlorocyclopentadiene	12.675	237	625354	83.356	ng		99
43) 2,4,6-Trichlorophenol	12.940	196	373334	42.434	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	398923	40.087	ng	98
46) 1,1'-Biphenyl	13.334	154	1356367	40.140	ng	99
47) 2-Chloronaphthalene	13.375	162	1038505	39.100	ng	99
48) 2-Nitroaniline	13.581	65	365510	39.705	ng	99
49) Acenaphthylene	14.222	152	1691242	41.456	ng	99
50) Dimethylphthalate	13.963	163	1250829	38.357	ng	100
51) 2,6-Dinitrotoluene	14.081	165	281542	40.598	ng	93
52) Acenaphthene	14.563	154	955760	38.159	ng	98
53) 3-Nitroaniline	14.410	138	223733	32.941	ng	100
54) 2,4-Dinitrophenol	14.622	184	335167	78.457	ng	94
55) Dibenzofuran	14.898	168	1529638	38.620	ng	99
56) 4-Nitrophenol	14.728	139	427152	74.989	ng	93
57) 2,4-Dinitrotoluene	14.869	165	368942	40.871	ng	94
58) Fluorene	15.551	166	1230917	38.014	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.134	232	321227	37.656	ng	99
60) Diethylphthalate	15.328	149	1227789	37.822	ng	99
61) 4-Chlorophenyl-phenyle...	15.545	204	635251	39.032	ng	95
62) 4-Nitroaniline	15.575	138	260939	36.626	ng	95
63) Azobenzene	15.839	77	1263106	36.842	ng	97
65) 4,6-Dinitro-2-methylph...	15.639	198	203695	39.718	ng	94
66) n-Nitrosodiphenylamine	15.763	169	1054428	42.403	ng	99
67) 4-Bromophenyl-phenylether	16.439	248	370111	41.196	ng	98
68) Hexachlorobenzene	16.563	284	410621	41.378	ng	95
69) Atrazine	16.716	200	348807	43.246	ng	98
70) Pentachlorophenol	16.910	266	458298	80.452	ng	99
71) Phenanthrene	17.298	178	1760293	38.868	ng	100
72) Anthracene	17.386	178	1755794	40.487	ng	100
73) Carbazole	17.663	167	1501088	40.727	ng	100
74) Di-n-butylphthalate	18.210	149	1798605	38.385	ng	99
75) Fluoranthene	19.263	202	1750535	35.587	ng	98
77) Benzidine	19.445	184	498804	50.637	ng	98
78) Pyrene	19.616	202	1747570	48.901	ng	99
80) Butylbenzylphthalate	20.486	149	607082	43.133	ng	98
81) Benzo(a)anthracene	21.322	228	1345267	39.984	ng	99
82) 3,3'-Dichlorobenzidine	21.257	252	433443	46.974	ng	99
83) Chrysene	21.374	228	1246521	37.772	ng	99
84) Bis(2-ethylhexyl)phtha...	21.245	149	789634	39.801	ng	99
85) Di-n-octyl phthalate	22.174	149	1222340	36.971	ng	99
87) Indeno(1,2,3-cd)pyrene	26.268	276	1301348	42.430	ng	100
88) Benzo(b)fluoranthene	23.016	252	1170356	44.183	ng	100
89) Benzo(k)fluoranthene	23.063	252	1161504	43.256	ng	99
90) Benzo(a)pyrene	23.645	252	1127143	51.442	ng	99
91) Dibenzo(a,h)anthracene	26.280	278	1165249	45.425	ng	100
92) Benzo(g,h,i)perylene	27.039	276	1195032	46.859	ng	100

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

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