Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092022\
Data File : BP011763.D
Acq On : 20 Sep 2022 16:11
Operator : CG/JU
Sample : PB147737BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 21 06:47:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 04:42:52 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB147737BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/21/2022
Supervised By :Jagrut Upadhyay 09/21/2022

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09/21/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.934	152	507995	20.000	ng		0.00
21) Naphthalene-d8	10.745	136	2256855	20.000	ng		0.00
39) Acenaphthene-d10	14.575	164	1245690	20.000	ng		0.00
64) Phenanthrene-d10	17.327	188	2239927	20.000	ng	#	0.00
76) Chrysene-d12	21.409	240	1522845	20.000	ng	#	0.00
86) Perylene-d12	23.856	264	1181305	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	4983644	178.570	ng		0.00
7) Phenol-d6	7.098	99	6365801	171.112	ng		0.00
23) Nitrobenzene-d5	9.104	82	3760736	98.827	ng		0.00
42) 2,4,6-Tribromophenol	16.069	330	1360525	139.784	ng		0.00
45) 2-Fluorobiphenyl	13.198	172	7119602	88.842	ng		0.00
79) Terphenyl-d14	19.880	244	7898747	112.792	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	472552	38.448	ng	#	83
3) Pyridine	3.775	79	1332494	37.606	ng	#	79
4) n-Nitrosodimethylamine	3.687	42	701907	51.672	ng	#	39
6) Aniline	7.263	93	2345583	51.183	ng		90
8) 2-Chlorophenol	7.498	128	1837584	55.528	ng		91
9) Benzaldehyde	7.069	77	486090m	20.413	ng		
10) Phenol	7.128	94	2363245	56.478	ng		82
11) bis(2-Chloroethyl)ether	7.357	93	1816756	54.503	ng		93
12) 1,3-Dichlorobenzene	7.822	146	1829230	49.844	ng	#	93
13) 1,4-Dichlorobenzene	7.969	146	1872120	50.161	ng		98
14) 1,2-Dichlorobenzene	8.287	146	1819027	51.126	ng		97
15) Benzyl Alcohol	8.181	79	1506119	56.709	ng	#	90
16) 2,2'-oxybis(1-Chloropr...	8.463	45	2486954	55.857	ng		95
17) 2-Methylphenol	8.381	107	1507784	55.498	ng		91
18) Hexachloroethane	9.016	117	693556	53.726	ng		92
19) n-Nitroso-di-n-propyla...	8.751	70	1307211	54.270	ng	#	85
20) 3+4-Methylphenols	8.710	107	2031333	54.442	ng		92
22) Acetophenone	8.763	105	2662038	50.316	ng	#	89
24) Nitrobenzene	9.145	77	1965848	49.652	ng	#	89
25) Isophorone	9.675	82	3616225	53.720	ng		96
26) 2-Nitrophenol	9.857	139	894102	49.068	ng	#	83
27) 2,4-Dimethylphenol	9.916	122	1640705	58.297	ng		89
28) bis(2-Chloroethoxy)met...	10.157	93	2259794	52.497	ng		98
29) 2,4-Dichlorophenol	10.392	162	1526416	48.960	ng		96
30) 1,2,4-Trichlorobenzene	10.604	180	1525686	44.203	ng		98
31) Naphthalene	10.798	128	5329912	45.509	ng		99
32) Benzoic acid	10.075	122	1173291	49.398	ng		88
33) 4-Chloroaniline	10.904	127	1778729	38.710	ng		92
34) Hexachlorobutadiene	11.081	225	807991	42.495	ng		99
35) Caprolactam	11.716	113	513720	50.854	ng	#	81
36) 4-Chloro-3-methylphenol	12.028	107	1688180	50.350	ng		92
37) 2-Methylnaphthalene	12.404	142	3563755	45.469	ng		97
38) 1-Methylnaphthalene	12.622	142	3396666	44.326	ng		99
40) 1,2,4,5-Tetrachloroben...	12.769	216	1565977	47.631	ng	#	96
41) Hexachlorocyclopentadiene	12.751	237	1993263	121.463	ng		100
43) 2,4,6-Trichlorophenol	13.010	196	1080771	48.327	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.075	196	1189696	47.580	ng		98
46) 1,1'-Biphenyl	13.410	154	4423744	48.816	ng		99
47) 2-Chloronaphthalene	13.451	162	3301260	46.301	ng		99
48) 2-Nitroaniline	13.657	65	1126235	56.325	ng		87
49) Acenaphthylene	14.298	152	5273666	47.802	ng		99
50) Dimethylphthalate	14.039	163	3966359	45.641	ng		100
51) 2,6-Dinitrotoluene	14.151	165	874279	49.611	ng		90
52) Acenaphthene	14.639	154	3743152m	51.006	ng		
53) 3-Nitroaniline	14.480	138	990230	44.522	ng		93
54) 2,4-Dinitrophenol	14.686	184	970435	94.065	ng		87
55) Dibenzofuran	14.975	168	4795731	45.380	ng		99
56) 4-Nitrophenol	14.786	139	1706838	99.682	ng	#	76
57) 2,4-Dinitrotoluene	14.939	165	1157760	45.402	ng		90
58) Fluorene	15.622	166	3928044	45.827	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.198	232	886769m	43.169	ng		
60) Diethylphthalate	15.398	149	3978369	45.983	ng		99
61) 4-Chlorophenyl-phenyle...	15.616	204	1792141	45.231	ng		100
62) 4-Nitroaniline	15.645	138	992244	43.692	ng	#	81
63) Azobenzene	15.910	77	4143625	49.837	ng		92
65) 4,6-Dinitro-2-methylph...	15.698	198	532972	44.606	ng		90
66) n-Nitrosodiphenylamine	15.833	169	3300920	49.529	ng		96
67) 4-Bromophenyl-phenylether	16.516	248	986595	47.051	ng		97
68) Hexachlorobenzene	16.627	284	1025900	45.429	ng	#	92
69) Atrazine	16.792	200	906473	44.558	ng		97
70) Pentachlorophenol	16.974	266	1384262	96.624	ng		99
71) Phenanthrene	17.369	178	5637323	46.253	ng		97
72) Anthracene	17.463	178	5699656	49.445	ng		97
73) Carbazole	17.733	167	5352831	49.222	ng		98
74) Di-n-butylphthalate	18.280	149	6393502	48.777	ng		99
75) Fluoranthene	19.333	202	5771459	43.906	ng		94
77) Benzidine	19.515	184	711246	19.639	ng		97
78) Pyrene	19.686	202	5829995	56.761	ng		98
80) Butylbenzylphthalate	20.551	149	2477845	57.570	ng		97
81) Benzo(a)anthracene	21.392	228	4644680	47.320	ng		96
82) 3,3'-Dichlorobenzidine	21.321	252	1593608	53.456	ng	#	98
83) Chrysene	21.445	228	4329250	46.163	ng		96
84) Bis(2-ethylhexyl)phtha...	21.310	149	3395697	54.842	ng	#	98
85) Di-n-octyl phthalate	22.251	149	4942809	46.520	ng		95
87) Indeno(1,2,3-cd)pyrene	26.427	276	4227699	49.676	ng	#	87
88) Benzo(b)fluoranthene	23.109	252	3987734	54.581	ng	#	96
89) Benzo(k)fluoranthene	23.156	252	3827901	51.992	ng	#	94
90) Benzo(a)pyrene	23.751	252	3367637	55.796	ng	#	96
91) Dibenzo(a,h)anthracene	26.439	278	3699459	52.349	ng	#	92
92) Benzo(g,h,i)perylene	27.215	276	3651600	53.001	ng	#	89

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

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