Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082421\
Data File : BP006845.D
Acq On : 24 Aug 2021 13:23
Operator : CG/JU
Sample : PB138597BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 24 15:03:37 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 13:40:38 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB138597BS

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.687	152	155383	20.000	ng		0.00
21) Naphthalene-d8	10.475	136	653975	20.000	ng	#	0.00
39) Acenaphthene-d10	14.339	164	375741	20.000	ng		0.00
64) Phenanthrene-d10	17.098	188	735679	20.000	ng	#	0.00
76) Chrysene-d12	21.210	240	717920	20.000	ng	#	0.00
86) Perylene-d12	23.521	264	744440	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.299	112	1424623	140.822	ng		0.00
7) Phenol-d6	6.887	99	1766842	122.948	ng		0.00
23) Nitrobenzene-d5	8.852	82	1179296	83.235	ng		0.00
42) 2,4,6-Tribromophenol	15.839	330	585425	149.080	ng		0.00
45) 2-Fluorobiphenyl	12.957	172	2180546	86.825	ng		0.00
79) Terphenyl-d14	19.680	244	3297937	92.049	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.234	88	153236	34.792	ng		97
3) Pyridine	3.628	79	390217	30.144	ng		98
4) n-Nitrosodimethylamine	3.546	42	180992	37.044	ng	#	69
6) Aniline	7.028	93	711468	45.578	ng		98
8) 2-Chlorophenol	7.258	128	530155	48.434	ng		96
9) Benzaldehyde	6.840	77	364748	42.171	ng		96
10) Phenol	6.910	94	648896	45.032	ng		99
11) bis(2-Chloroethyl)ether	7.128	93	481564	44.012	ng		96
12) 1,3-Dichlorobenzene	7.575	146	531655	46.603	ng		98
13) 1,4-Dichlorobenzene	7.722	146	543735	46.963	ng		98
14) 1,2-Dichlorobenzene	8.034	146	523369	47.109	ng		98
15) Benzyl Alcohol	7.946	79	488906	45.366	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.228	45	480416	36.897	ng		99
17) 2-Methylphenol	8.146	107	437586	48.092	ng		99
18) Hexachloroethane	8.752	117	214690	46.848	ng		93
19) n-Nitroso-di-n-propyla...	8.504	70	397281	41.206	ng		94
20) 3+4-Methylphenols	8.475	107	591513	47.761	ng		96
22) Acetophenone	8.516	105	788784	45.481	ng	#	98
24) Nitrobenzene	8.893	77	611323	41.507	ng		94
25) Isophorone	9.422	82	1050664	41.287	ng		96
26) 2-Nitrophenol	9.599	139	281432	52.506	ng		96
27) 2,4-Dimethylphenol	9.669	122	476415	53.079	ng		97
28) bis(2-Chloroethoxy)met...	9.904	93	633330	46.513	ng		98
29) 2,4-Dichlorophenol	10.134	162	450363	49.561	ng		95
30) 1,2,4-Trichlorobenzene	10.340	180	458946	47.001	ng		97
31) Naphthalene	10.528	128	1573715	44.783	ng		99
32) Benzoic acid	9.846	122	354489	51.053	ng		92
33) 4-Chloroaniline	10.651	127	531250	37.358	ng		97
34) Hexachlorobutadiene	10.804	225	275642	48.442	ng		99
35) Caprolactam	11.469	113	162578m	49.617	ng		
36) 4-Chloro-3-methylphenol	11.793	107	547274	47.402	ng		90
37) 2-Methylnaphthalene	12.145	142	1081983	45.438	ng		99
38) 1-Methylnaphthalene	12.363	142	999950	44.188	ng		98
40) 1,2,4,5-Tetrachloroben...	12.516	216	474263	48.226	ng	#	95
41) Hexachlorocyclopentadiene	12.487	237	590397	113.194	ng		99
43) 2,4,6-Trichlorophenol	12.769	196	334924	49.878	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	364160	48.993	ng	#	88
46) 1,1'-Biphenyl	13.169	154	1264108	44.448	ng		98
47) 2-Chloronaphthalene	13.210	162	991556	45.274	ng		96
48) 2-Nitroaniline	13.428	65	362530	46.905	ng		88
49) Acenaphthylene	14.057	152	1638910	46.409	ng		100
50) Dimethylphthalate	13.810	163	1271922	46.504	ng		99
51) 2,6-Dinitrotoluene	13.934	165	279666	45.823	ng	#	84
52) Acenaphthene	14.404	154	947884	44.103	ng		98
53) 3-Nitroaniline	14.263	138	263052	38.879	ng		84
54) 2,4-Dinitrophenol	14.475	184	333720	104.563	ng	#	83
55) Dibenzofuran	14.739	168	1482844	43.863	ng		94
56) 4-Nitrophenol	14.592	139	567210	96.547	ng		91
57) 2,4-Dinitrotoluene	14.722	165	398836	48.728	ng	#	79
58) Fluorene	15.392	166	1205979	44.631	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.975	232	302264	48.526	ng	#	73
60) Diethylphthalate	15.181	149	1370309	47.701	ng		97
61) 4-Chlorophenyl-phenyle...	15.392	204	565475	46.211	ng		90
62) 4-Nitroaniline	15.434	138	310428	43.238	ng		93
63) Azobenzene	15.686	77	1416231	42.285	ng		93
65) 4,6-Dinitro-2-methylph...	15.492	198	202653	45.083	ng		82
66) n-Nitrosodiphenylamine	15.616	169	1044713	45.180	ng		99
67) 4-Bromophenyl-phenylether	16.292	248	340443	48.230	ng	#	88
68) Hexachlorobenzene	16.398	284	385307	47.967	ng	#	93
69) Atrazine	16.581	200	380781	52.772	ng		95
70) Pentachlorophenol	16.751	266	515675	101.180	ng		99
71) Phenanthrene	17.139	178	1869917	45.062	ng		98
72) Anthracene	17.233	178	1922387	47.943	ng		100
73) Carbazole	17.516	167	1797899	43.959	ng		98
74) Di-n-butylphthalate	18.075	149	2361604	50.681	ng		99
75) Fluoranthene	19.122	202	2155944	46.289	ng		95
77) Benzidine	19.316	184	1675559	93.269	ng		99
78) Pyrene	19.474	202	2216772	46.228	ng		99
80) Butylbenzylphthalate	20.369	149	1124605	53.333	ng		94
81) Benzo(a)anthracene	21.192	228	2143994	45.696	ng		100
82) 3,3'-Dichlorobenzidine	21.133	252	716242	58.149	ng	#	97
83) Chrysene	21.245	228	2065682	45.414	ng		99
84) Bis(2-ethylhexyl)phtha...	21.133	149	1659137	52.359	ng	#	97
85) Di-n-octyl phthalate	22.033	149	2875148	55.049	ng		98
87) Indeno(1,2,3-cd)pyrene	25.921	276	2621078	48.557	ng	#	92
88) Benzo(b)fluoranthene	22.821	252	2235786	46.210	ng	#	97
89) Benzo(k)fluoranthene	22.868	252	2141099	46.091	ng	#	97
90) Benzo(a)pyrene	23.421	252	2160361	49.782	ng	#	96
91) Dibenzo(a,h)anthracene	25.939	278	2238842	47.970	ng	#	94
92) Benzo(g,h,i)perylene	26.651	276	2171081	48.544	ng	#	91

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

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