Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
Data File : BM034336.D
Acq On : 23 Mar 2022 13:23
Operator : CG/JU
Sample : PB143457BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 24 02:28:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 16 02:38:26 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB143457BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.942	152	209269	20.000	ng		0.00
21) Naphthalene-d8	10.754	136	901553	20.000	ng		-0.01
39) Acenaphthene-d10	14.583	164	573470	20.000	ng		0.00
64) Phenanthrene-d10	17.318	188	1161210	20.000	ng		-0.01
76) Chrysene-d12	21.494	240	1143018	20.000	ng		0.00
86) Perylene-d12	23.906	264	1072369	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.495	112	1766933	151.471	ng		0.00
7) Phenol-d6	7.107	99	2325754	139.251	ng		0.00
23) Nitrobenzene-d5	9.107	82	1514121	81.767	ng		0.00
42) 2,4,6-Tribromophenol	16.071	330	994278	128.632	ng		0.00
45) 2-Fluorobiphenyl	13.213	172	3400231	81.022	ng		0.00
79) Terphenyl-d14	19.942	244	5229942	79.505	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.349	88	157187	29.782	ng		98
3) Pyridine	3.754	79	400306	28.029	ng		98
4) n-Nitrosodimethylamine	3.666	42	285617	42.118	ng		99
6) Aniline	7.260	93	849715	44.520	ng		100
8) 2-Chlorophenol	7.501	128	679978	49.837	ng		99
9) Benzaldehyde	7.066	77	336111	37.353	ng		98
10) Phenol	7.131	94	859703	51.755	ng		100
11) bis(2-Chloroethyl)ether	7.360	93	623594	45.737	ng		98
12) 1,3-Dichlorobenzene	7.831	146	655036	42.324	ng		100
13) 1,4-Dichlorobenzene	7.978	146	680647	42.959	ng		99
14) 1,2-Dichlorobenzene	8.295	146	666386	43.144	ng		99
15) Benzyl Alcohol	8.183	79	642383	48.330	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.478	45	865075	46.234	ng		99
17) 2-Methylphenol	8.389	107	578872	49.757	ng		98
18) Hexachloroethane	9.030	117	254478	43.547	ng		98
19) n-Nitroso-di-n-propyla...	8.754	70	541244	44.801	ng		99
20) 3+4-Methylphenols	8.719	107	777864	48.346	ng		100
22) Acetophenone	8.766	105	1026647	44.374	ng	#	99
24) Nitrobenzene	9.148	77	768180	44.433	ng		97
25) Isophorone	9.678	82	1371686	44.267	ng		98
26) 2-Nitrophenol	9.860	139	362301	47.256	ng		97
27) 2,4-Dimethylphenol	9.925	122	639756	53.290	ng		98
28) bis(2-Chloroethoxy)met...	10.160	93	841414	42.413	ng		100
29) 2,4-Dichlorophenol	10.401	162	648357	46.482	ng		99
30) 1,2,4-Trichlorobenzene	10.619	180	648542	40.903	ng		99
31) Naphthalene	10.801	128	2016285	42.928	ng		99
32) Benzoic acid	10.089	122	454480	45.780	ng		98
33) 4-Chloroaniline	10.907	127	487996	26.339	ng		99
34) Hexachlorobutadiene	11.095	225	400452	39.875	ng		98
35) Caprolactam	11.701	113	216824m	44.717	ng		
36) 4-Chloro-3-methylphenol	12.036	107	732539	45.827	ng		99
37) 2-Methylnaphthalene	12.413	142	1493561	44.564	ng		98
38) 1-Methylnaphthalene	12.630	142	1378874	42.058	ng		99
40) 1,2,4,5-Tetrachloroben...	12.783	216	767739	44.362	ng		99
41) Hexachlorocyclopentadiene	12.766	237	1038880	103.675	ng		100
43) 2,4,6-Trichlorophenol	13.018	196	526964	44.104	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.089	196	576330	44.939	ng	100
46) 1,1'-Biphenyl	13.418	154	1941610	44.403	ng	99
47) 2-Chloronaphthalene	13.460	162	1450745	43.224	ng	98
48) 2-Nitroaniline	13.660	65	491205	47.871	ng	99
49) Acenaphthylene	14.307	152	2333335	44.604	ng	100
50) Dimethylphthalate	14.042	163	1881924	43.117	ng	100
51) 2,6-Dinitrotoluene	14.154	165	420857	47.010	ng	98
52) Acenaphthene	14.648	154	1718047m	48.758	ng	
53) 3-Nitroaniline	14.483	138	291558	32.461	ng	97
54) 2,4-Dinitrophenol	14.689	184	497833	99.252	ng	100
55) Dibenzofuran	14.977	168	2211895	42.122	ng	99
56) 4-Nitrophenol	14.795	139	707848	97.213	ng	98
57) 2,4-Dinitrotoluene	14.942	165	582276	48.117	ng	94
58) Fluorene	15.624	166	1884195	44.199	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.207	232	504830	43.653	ng	99
60) Diethylphthalate	15.401	149	1961989	43.814	ng	99
61) 4-Chlorophenyl-phenyle...	15.618	204	915345	42.056	ng	98
62) 4-Nitroaniline	15.642	138	415036	48.035	ng	99
63) Azobenzene	15.912	77	1903680	44.086	ng	98
65) 4,6-Dinitro-2-methylph...	15.707	198	321972	42.642	ng	96
66) n-Nitrosodiphenylamine	15.830	169	1634311	44.300	ng	98
67) 4-Bromophenyl-phenylether	16.512	248	577467	43.260	ng	97
68) Hexachlorobenzene	16.636	284	652224	43.806	ng	98
69) Atrazine	16.783	200	604903	49.746	ng	99
70) Pentachlorophenol	16.977	266	888429	93.308	ng	98
71) Phenanthrene	17.365	178	2869270	44.122	ng	100
72) Anthracene	17.453	178	2942981	46.495	ng	99
73) Carbazole	17.718	167	2615113	44.301	ng	99
74) Di-n-butylphthalate	18.289	149	3387234	46.157	ng	99
75) Fluoranthene	19.377	202	3318180	45.516	ng	98
77) Benzidine	19.553	184	1244283	74.285	ng	99
78) Pyrene	19.736	202	3396558	42.176	ng	100
80) Butylbenzylphthalate	20.630	149	1541284	45.255	ng	100
81) Benzo(a)anthracene	21.477	228	3157987	43.774	ng	99
82) 3,3'-Dichlorobenzidine	21.412	252	929646	38.581	ng	100
83) Chrysene	21.536	228	3176524	43.117	ng	100
84) Bis(2-ethylhexyl)phtha...	21.406	149	2384225	47.407	ng	99
85) Di-n-octyl phthalate	22.336	149	3966516	49.685	ng	99
87) Indeno(1,2,3-cd)pyrene	26.435	276	3001857	43.515	ng	98
88) Benzo(b)fluoranthene	23.177	252	3231846	50.399	ng	100
89) Benzo(k)fluoranthene	23.224	252	3090973	45.503	ng	100
90) Benzo(a)pyrene	23.800	252	2971543	54.663	ng	99
91) Dibenzo(a,h)anthracene	26.441	278	2564776	45.853	ng	99
92) Benzo(g,h,i)perylene	27.200	276	2525255	43.617	ng	99

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

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