Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060823\
Data File : BM040168.D
Acq On : 08 Jun 2023 22:08
Operator : MA/JU
Sample : PB153236BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 09 02:24:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 08 23:25:50 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB153236BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/09/2023
Supervised By :mohammad ahmed 06/13/2023

06/09/2023
Supervised By :mohammad ahmed

06/13/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.987	152	296565	20.000	ng		0.00
21) Naphthalene-d8	10.804	136	1327066	20.000	ng		0.00
39) Acenaphthene-d10	14.627	164	764290	20.000	ng		0.00
64) Phenanthrene-d10	17.368	188	1582218	20.000	ng		0.00
76) Chrysene-d12	21.550	240	1680364	20.000	ng		0.00
86) Perylene-d12	23.986	264	1794161	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	2696690	135.774	ng		0.00
7) Phenol-d6	7.151	99	3429820	126.553	ng		0.00
23) Nitrobenzene-d5	9.157	82	1872146	76.357	ng		0.00
42) 2,4,6-Tribromophenol	16.116	330	1544103	134.279	ng		0.00
45) 2-Fluorobiphenyl	13.257	172	4527413	78.294	ng		0.00
79) Terphenyl-d14	19.986	244	8416278	92.329	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	245464	31.122	ng		99
3) Pyridine	3.805	79	696586	30.791	ng		96
4) n-Nitrosodimethylamine	3.716	42	343226	37.421	ng		91
6) Aniline	7.310	93	1126677	34.349	ng		100
8) 2-Chlorophenol	7.551	128	974814	46.419	ng		98
9) Benzaldehyde	7.122	77	463196	32.095	ng		99
10) Phenol	7.175	94	1290609	48.420	ng		98
11) bis(2-Chloroethyl)ether	7.410	93	899346	41.868	ng		97
12) 1,3-Dichlorobenzene	7.875	146	923191	43.729	ng		100
13) 1,4-Dichlorobenzene	8.022	146	952189	44.141	ng		99
14) 1,2-Dichlorobenzene	8.345	146	921602	43.412	ng		99
15) Benzyl Alcohol	8.234	79	779960	43.607	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.528	45	1116498	40.771	ng		99
17) 2-Methylphenol	8.434	107	835192	43.976	ng		98
18) Hexachloroethane	9.075	117	338700	43.851	ng		99
19) n-Nitroso-di-n-propyla...	8.804	70	659008	40.022	ng		97
20) 3+4-Methylphenols	8.763	107	1133095	43.703	ng		98
22) Acetophenone	8.816	105	1444040	41.667	ng	#	97
24) Nitrobenzene	9.198	77	1006472	39.881	ng		99
25) Isophorone	9.728	82	1840627	39.755	ng		99
26) 2-Nitrophenol	9.910	139	457393	43.618	ng		99
27) 2,4-Dimethylphenol	9.975	122	941828	45.905	ng		99
28) bis(2-Chloroethoxy)met...	10.210	93	1209100	40.452	ng		99
29) 2,4-Dichlorophenol	10.445	162	862143	45.814	ng		99
30) 1,2,4-Trichlorobenzene	10.663	180	801250	42.034	ng		100
31) Naphthalene	10.851	128	2901688	40.595	ng		100
32) Benzoic acid	10.110	122	594529	39.319	ng		97
33) 4-Chloroaniline	10.963	127	550947	17.307	ng		97
34) Hexachlorobutadiene	11.139	225	393678	39.372	ng		98
35) Caprolactam	11.751	113	283247m	43.830	ng		
36) 4-Chloro-3-methylphenol	12.081	107	963517	44.091	ng		98
37) 2-Methylnaphthalene	12.457	142	1967705	39.809	ng		100
38) 1-Methylnaphthalene	12.680	142	1841278	39.502	ng		99
40) 1,2,4,5-Tetrachloroben...	12.822	216	864510	42.666	ng		99
41) Hexachlorocyclopentadiene	12.804	237	1125876	106.561	ng		99
43) 2,4,6-Trichlorophenol	13.063	196	618751	44.521	ng		98

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44) 2,4,5-Trichlorophenol	13.133	196	682965	40.711	ng		100
46) 1,1'-Biphenyl	13.463	154	2599713	42.421	ng		100
47) 2-Chloronaphthalene	13.504	162	1971116	43.296	ng		100
48) 2-Nitroaniline	13.710	65	587990	43.075	ng		95
49) Acenaphthylene	14.351	152	3199172	42.383	ng		100
50) Dimethylphthalate	14.086	163	2447455	41.057	ng		100
51) 2,6-Dinitrotoluene	14.204	165	509759	42.668	ng		96
52) Acenaphthene	14.692	154	1921679	41.276	ng		100
53) 3-Nitroaniline	14.533	138	399789	26.821	ng		96
54) 2,4-Dinitrophenol	14.739	184	582116	76.869	ng	#	88
55) Dibenzofuran	15.027	168	3097327	42.529	ng		98
56) 4-Nitrophenol	14.839	139	1197547	99.195	ng		93
57) 2,4-Dinitrotoluene	14.986	165	740562	46.447	ng		93
58) Fluorene	15.674	166	2699280	44.279	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.251	232	608196	46.366	ng		97
60) Diethylphthalate	15.445	149	2604534	43.062	ng		99
61) 4-Chlorophenyl-phenyle...	15.669	204	1239814	43.511	ng		97
62) 4-Nitroaniline	15.698	138	700084	44.090	ng		95
63) Azobenzene	15.957	77	2524720	42.933	ng		97
65) 4,6-Dinitro-2-methylph...	15.751	198	377422	42.528	ng		93
66) n-Nitrosodiphenylamine	15.880	169	2264587	43.698	ng		99
67) 4-Bromophenyl-phenylether	16.557	248	670266	42.179	ng		99
68) Hexachlorobenzene	16.674	284	820507	45.021	ng		97
69) Atrazine	16.833	200	728008	51.402	ng		97
70) Pentachlorophenol	17.015	266	1165498	87.118	ng		99
71) Phenanthrene	17.415	178	3989247	43.272	ng		99
72) Anthracene	17.504	178	4102139	44.602	ng		100
73) Carbazole	17.774	167	3949583	45.022	ng		99
74) Di-n-butylphthalate	18.333	149	4403168	44.753	ng		99
75) Fluoranthene	19.421	202	4287264	43.823	ng		99
77) Benzidine	19.609	184	2120450	67.192	ng		100
78) Pyrene	19.786	202	4685902	41.820	ng		99
80) Butylbenzylphthalate	20.680	149	1985215	43.834	ng		95
81) Benzo(a)anthracene	21.533	228	5050350	44.074	ng		99
82) 3,3'-Dichlorobenzidine	21.462	252	1393122	36.582	ng		99
83) Chrysene	21.586	228	4638855	42.735	ng		100
84) Bis(2-ethylhexyl)phtha...	21.456	149	3014986	45.079	ng		98
85) Di-n-octyl phthalate	22.392	149	5278697	48.603	ng		98
87) Indeno(1,2,3-cd)pyrene	26.532	276	6296319	46.803	ng		98
88) Benzo(b)fluoranthene	23.239	252	5211912	47.965	ng		100
89) Benzo(k)fluoranthene	23.292	252	5229772	46.050	ng		99
90) Benzo(a)pyrene	23.880	252	4459900	42.978	ng		99
91) Dibenzo(a,h)anthracene	26.544	278	5478190	47.172	ng		98
92) Benzo(g,h,i)perylene	27.315	276	4515603	45.266	ng		98

06/09/2023
Supervised By :mohammad ahmed

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

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