Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072823\
Data File : BP016418.D
Acq On : 28 Jul 2023 12:12
Operator : MA/JU
Sample : PB154192BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 28 14:41:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 01:48:25 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB154192BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.093	152	359082	20.000	ng		0.00
21) Naphthalene-d8	10.922	136	1564889	20.000	ng		0.00
39) Acenaphthene-d10	14.734	164	975705	20.000	ng		0.00
64) Phenanthrene-d10	17.498	188	2161229	20.000	ng		0.00
76) Chrysene-d12	21.592	240	2124863	20.000	ng		0.00
86) Perylene-d12	24.186	264	2477569	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.605	112	3110959	141.340	ng		0.00
7) Phenol-d6	7.228	99	4169046	138.189	ng		0.00
23) Nitrobenzene-d5	9.287	82	2364269	84.574	ng		0.00
42) 2,4,6-Tribromophenol	16.228	330	1587816	110.618	ng		0.00
45) 2-Fluorobiphenyl	13.363	172	5532948	81.299	ng		0.00
79) Terphenyl-d14	20.039	244	8819552	87.679	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.458	88	285991	33.315	ng		96
3) Pyridine	3.870	79	849404	33.102	ng		99
4) n-Nitrosodimethylamine	3.799	42	416569	43.057	ng		97
6) Aniline	7.422	93	1472491	39.515	ng		99
8) 2-Chlorophenol	7.640	128	1138232	49.321	ng		96
9) Benzaldehyde	7.240	77	604078	44.211	ng		99
10) Phenol	7.258	94	1530767	52.248	ng		100
11) bis(2-Chloroethyl)ether	7.522	93	1065849	44.754	ng		98
12) 1,3-Dichlorobenzene	7.969	146	1106712	44.671	ng		97
13) 1,4-Dichlorobenzene	8.128	146	1137261	45.253	ng		99
14) 1,2-Dichlorobenzene	8.440	146	1101201	45.510	ng		98
15) Benzyl Alcohol	8.340	79	1019720	49.474	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.622	45	1260662	46.675	ng		98
17) 2-Methylphenol	8.522	107	1009629	47.816	ng		99
18) Hexachloroethane	9.169	117	406414	45.338	ng		94
19) n-Nitroso-di-n-propyla...	8.911	70	853867	45.178	ng		98
20) 3+4-Methylphenols	8.858	107	1381568	48.178	ng		99
22) Acetophenone	8.940	105	1715730	43.425	ng	#	100
24) Nitrobenzene	9.328	77	1248834	43.494	ng		97
25) Isophorone	9.846	82	2417014	42.825	ng		98
26) 2-Nitrophenol	10.034	139	507149	41.438	ng		95
27) 2,4-Dimethylphenol	10.069	122	1111909	44.036	ng		99
28) bis(2-Chloroethoxy)met...	10.334	93	1508776	43.642	ng		100
29) 2,4-Dichlorophenol	10.557	162	1114084	47.146	ng		99
30) 1,2,4-Trichlorobenzene	10.769	180	1061467	41.472	ng		98
31) Naphthalene	10.975	128	3442026	42.050	ng		100
32) Benzoic acid	10.199	122	699325	42.972	ng		97
33) 4-Chloroaniline	11.099	127	924504	25.039	ng		98
34) Hexachlorobutadiene	11.210	225	581065	38.346	ng		99
35) Caprolactam	11.910	113	394636m	45.704	ng		
36) 4-Chloro-3-methylphenol	12.187	107	1255376	47.793	ng		98
37) 2-Methylnaphthalene	12.569	142	2417107	40.648	ng		99
38) 1-Methylnaphthalene	12.787	142	2338319	41.943	ng		100
40) 1,2,4,5-Tetrachloroben...	12.916	216	1200118	40.475	ng		98
41) Hexachlorocyclopentadiene	12.875	237	1374538	92.302	ng		99
43) 2,4,6-Trichlorophenol	13.163	196	861780	45.297	ng		100

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44) 2,4,5-Trichlorophenol	13.228	196	975807	42.276	ng		95
46) 1,1'-Biphenyl	13.575	154	3210222	43.162	ng		99
47) 2-Chloronaphthalene	13.622	162	2481808	44.229	ng		99
48) 2-Nitroaniline	13.840	65	764697	48.347	ng		98
49) Acenaphthylene	14.463	152	4182625	44.925	ng		99
50) Dimethylphthalate	14.198	163	3248653	42.727	ng		99
51) 2,6-Dinitrotoluene	14.328	165	703308	45.152	ng		90
52) Acenaphthene	14.798	154	2391863	43.203	ng		100
53) 3-Nitroaniline	14.663	138	638183	36.240	ng		92
54) 2,4-Dinitrophenol	14.863	184	650007	88.282	ng		96
55) Dibenzofuran	15.134	168	3861321	42.526	ng		98
56) 4-Nitrophenol	14.945	139	1420295	103.032	ng		98
57) 2,4-Dinitrotoluene	15.110	165	978115	48.183	ng		95
58) Fluorene	15.787	166	3095011	43.387	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.340	232	841452	44.316	ng		93
60) Diethylphthalate	15.551	149	3255245	43.081	ng		99
61) 4-Chlorophenyl-phenyle...	15.775	204	1477028	41.032	ng		97
62) 4-Nitroaniline	15.834	138	819939	46.917	ng		99
63) Azobenzene	16.075	77	3218968	45.118	ng		97
65) 4,6-Dinitro-2-methylph...	15.857	198	441872	44.234	ng		94
66) n-Nitrosodiphenylamine	15.998	169	2772469	43.529	ng		100
67) 4-Bromophenyl-phenylether	16.675	248	933088	40.773	ng		93
68) Hexachlorobenzene	16.757	284	1070527	41.948	ng		94
69) Atrazine	16.951	200	998874	52.733	ng		99
70) Pentachlorophenol	17.116	266	1274807	72.183	ng		94
71) Phenanthrene	17.539	178	5061255	44.103	ng		100
72) Anthracene	17.634	178	5097920	44.178	ng		100
73) Carbazole	17.910	167	4969378	45.932	ng		100
74) Di-n-butylphthalate	18.428	149	5718185	45.684	ng		99
75) Fluoranthene	19.492	202	5913503	43.964	ng		97
77) Benzidine	19.692	184	3714522	100.828	ng		99
78) Pyrene	19.851	202	6257631	43.931	ng		100
80) Butylbenzylphthalate	20.716	149	2650291	47.361	ng		99
81) Benzo(a)anthracene	21.569	228	6238344	43.757	ng		100
82) 3,3'-Dichlorobenzidine	21.504	252	1859794	39.739	ng	#	98
83) Chrysene	21.628	228	5816522	42.724	ng		99
84) Bis(2-ethylhexyl)phtha...	21.463	149	3948578	46.999	ng		99
85) Di-n-octyl phthalate	22.457	149	6973255	49.351	ng		99
87) Indeno(1,2,3-cd)pyrene	26.968	276	7708142	46.147	ng		97
88) Benzo(b)fluoranthene	23.380	252	6532150	45.483	ng		99
89) Benzo(k)fluoranthene	23.433	252	6546622	44.821	ng		99
90) Benzo(a)pyrene	24.074	252	5838600	41.972	ng		98
91) Dibenzo(a,h)anthracene	26.998	278	6408295	46.004	ng		97
92) Benzo(g,h,i)perylene	27.833	276	6073268	45.243	ng		97

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

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