Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060723\
Data File : BM040141.D
Acq On : 07 Jun 2023 14:56
Operator : MA/JU
Sample : PB153266BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 07 15:34:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 06 16:45:42 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB153266BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.992	152	199160	20.000	ng		0.00
21) Naphthalene-d8	10.804	136	949276	20.000	ng		0.00
39) Acenaphthene-d10	14.627	164	569867	20.000	ng		0.00
64) Phenanthrene-d10	17.374	188	1186602	20.000	ng		0.00
76) Chrysene-d12	21.550	240	1341138	20.000	ng		0.00
86) Perylene-d12	23.985	264	1288075	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	2114048	162.825	ng		0.00
7) Phenol-d6	7.151	99	2860793	168.910	ng		0.00
23) Nitrobenzene-d5	9.163	82	1545610	87.858	ng		0.00
42) 2,4,6-Tribromophenol	16.115	330	1250129	169.018	ng		0.00
45) 2-Fluorobiphenyl	13.257	172	3851061	79.708	ng		0.00
79) Terphenyl-d14	19.992	244	7770721	89.965	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	165400	31.544	ng		99
3) Pyridine	3.804	79	486785	33.814	ng		99
4) n-Nitrosodimethylamine	3.716	42	257634	42.126	ng		98
6) Aniline	7.316	93	920671	43.932	ng		100
8) 2-Chlorophenol	7.551	128	694066	50.785	ng		100
9) Benzaldehyde	7.122	77	345411	42.188	ng		100
10) Phenol	7.175	94	988173	58.206	ng		100
11) bis(2-Chloroethyl)ether	7.410	93	656192	46.927	ng		98
12) 1,3-Dichlorobenzene	7.881	146	638767	44.136	ng		100
13) 1,4-Dichlorobenzene	8.028	146	658465	44.717	ng		99
14) 1,2-Dichlorobenzene	8.345	146	642077	44.468	ng		100
15) Benzyl Alcohol	8.234	79	593838	54.393	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.528	45	858378	47.854	ng		100
17) 2-Methylphenol	8.434	107	626130	51.549	ng		99
18) Hexachloroethane	9.081	117	238774	44.727	ng		93
19) n-Nitroso-di-n-propyla...	8.804	70	515923	52.593	ng		97
20) 3+4-Methylphenols	8.763	107	854280	53.299	ng		99
22) Acetophenone	8.822	105	1103994	43.088	ng	#	99
24) Nitrobenzene	9.204	77	768894	43.088	ng		99
25) Isophorone	9.728	82	1432730	44.658	ng		99
26) 2-Nitrophenol	9.916	139	321922	50.982	ng		99
27) 2,4-Dimethylphenol	9.975	122	714406	49.673	ng		99
28) bis(2-Chloroethoxy)met...	10.216	93	928799	44.158	ng		99
29) 2,4-Dichlorophenol	10.451	162	646735	47.463	ng		99
30) 1,2,4-Trichlorobenzene	10.669	180	581685	38.993	ng		98
31) Naphthalene	10.857	128	2181822	41.656	ng		100
32) Benzoic acid	10.110	122	413896	43.565	ng		99
33) 4-Chloroaniline	10.963	127	687751	31.161	ng		99
34) Hexachlorobutadiene	11.139	225	291911	34.863	ng		99
35) Caprolactam	11.751	113	225440	58.590	ng		98
36) 4-Chloro-3-methylphenol	12.086	107	759961	53.959	ng		99
37) 2-Methylnaphthalene	12.463	142	1504895	43.106	ng		99
38) 1-Methylnaphthalene	12.680	142	1424570	43.591	ng		100
40) 1,2,4,5-Tetrachloroben...	12.827	216	664292	36.856	ng	#	98
41) Hexachlorocyclopentadiene	12.810	237	850661	91.233	ng		99
43) 2,4,6-Trichlorophenol	13.063	196	469882	42.951	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.133	196	531294	40.802	ng	96
46) 1,1'-Biphenyl	13.468	154	2009945	41.197	ng	99
47) 2-Chloronaphthalene	13.510	162	1502998	41.270	ng	99
48) 2-Nitroaniline	13.710	65	478950	48.574	ng	95
49) Acenaphthylene	14.351	152	2484312	43.575	ng	99
50) Dimethylphthalate	14.086	163	1906990	44.391	ng	100
51) 2,6-Dinitrotoluene	14.204	165	391027	47.582	ng	94
52) Acenaphthene	14.692	154	1789440m	48.037	ng	
53) 3-Nitroaniline	14.533	138	397498	40.888	ng	94
54) 2,4-Dinitrophenol	14.739	184	416183	89.894	ng	97
55) Dibenzofuran	15.027	168	2375490	43.197	ng	99
56) 4-Nitrophenol	14.839	139	965427	128.377	ng	100
57) 2,4-Dinitrotoluene	14.992	165	562394	47.566	ng	99
58) Fluorene	15.674	166	2105287	46.054	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.251	232	455879	47.077	ng	94
60) Diethylphthalate	15.451	149	2028078	47.762	ng	99
61) 4-Chlorophenyl-phenyle...	15.668	204	947606	42.369	ng	99
62) 4-Nitroaniline	15.698	138	557827	55.096	ng	98
63) Azobenzene	15.962	77	2089770	49.363	ng	99
65) 4,6-Dinitro-2-methylph...	15.751	198	282341	43.958	ng	99
66) n-Nitrosodiphenylamine	15.886	169	1712185	41.959	ng	99
67) 4-Bromophenyl-phenylether	16.562	248	501515	38.251	ng	99
68) Hexachlorobenzene	16.680	284	619954	41.376	ng	95
69) Atrazine	16.833	200	567359	55.897	ng	99
70) Pentachlorophenol	17.021	266	929461	94.496	ng	98
71) Phenanthrene	17.415	178	3120264	43.962	ng	99
72) Anthracene	17.503	178	3186632	45.315	ng	100
73) Carbazole	17.774	167	3179644	50.047	ng	99
74) Di-n-butylphthalate	18.339	149	3523598	43.733	ng	100
75) Fluoranthene	19.427	202	3479958	49.193	ng	99
77) Benzidine	19.609	184	2367931	113.698	ng	100
78) Pyrene	19.792	202	3797826	38.591	ng	100
80) Butylbenzylphthalate	20.680	149	1642474	41.331	ng	97
81) Benzo(a)anthracene	21.533	228	4223865	44.489	ng	99
82) 3,3'-Dichlorobenzidine	21.468	252	1166148	41.119	ng	100
83) Chrysene	21.591	228	3916075	42.989	ng	99
84) Bis(2-ethylhexyl)phtha...	21.456	149	2624643	41.248	ng	99
85) Di-n-octyl phthalate	22.397	149	4411372	45.025	ng	100
87) Indeno(1,2,3-cd)pyrene	26.538	276	4232306	41.318	ng	100
88) Benzo(b)fluoranthene	23.244	252	3975487	48.207	ng	100
89) Benzo(k)fluoranthene	23.297	252	4201188	46.589	ng	98
90) Benzo(a)pyrene	23.880	252	3292170	41.627	ng	98
91) Dibenzo(a,h)anthracene	26.550	278	3678972	41.601	ng	99
92) Benzo(g,h,i)perylene	27.315	276	2965447	37.941	ng	99

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

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