Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080922\
Data File : BM036171.D
Acq On : 09 Aug 2022 12:27
Operator : CG/JU
Sample : PB146780BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 10 03:31:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 08 23:36:56 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB146780BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo
08/10/2022
Supervised By :Jagrut Upadhyay
08/10/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	288120	20.000	ng		0.00
21) Naphthalene-d8	10.645	136	1345466	20.000	ng		0.00
39) Acenaphthene-d10	14.486	164	879781	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	1848953	20.000	ng		0.00
76) Chrysene-d12	21.415	240	1813714	20.000	ng		0.00
86) Perylene-d12	23.768	264	1934601	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	2445655	137.618	ng		0.00
7) Phenol-d6	7.057	99	3257021	144.035	ng		0.00
23) Nitrobenzene-d5	9.016	82	1960332	81.558	ng		0.00
42) 2,4,6-Tribromophenol	15.980	330	1444973	140.003	ng		0.00
45) 2-Fluorobiphenyl	13.116	172	4782091	80.254	ng		0.00
79) Terphenyl-d14	19.857	244	7881803	85.716	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.264	88	174312	24.342	ng		94
3) Pyridine	3.681	79	549017	28.590	ng	#	87
4) n-Nitrosodimethylamine	3.593	42	295478	37.445	ng	#	65
6) Aniline	7.175	93	1176229	46.972	ng		96
8) 2-Chlorophenol	7.416	128	919743	48.541	ng		96
9) Benzaldehyde	6.981	77	441651	36.892	ng		94
10) Phenol	7.087	94	1171738	51.463	ng		90
11) bis(2-Chloroethyl)ether	7.275	93	791324	42.190	ng		94
12) 1,3-Dichlorobenzene	7.728	146	829643	39.513	ng		97
13) 1,4-Dichlorobenzene	7.875	146	864609	40.378	ng		99
14) 1,2-Dichlorobenzene	8.193	146	847355	41.013	ng		99
15) Benzyl Alcohol	8.104	79	792823m	52.247	ng		
16) 2,2'-oxybis(1-Chloropr...	8.369	45	1080619	43.328	ng		97
17) 2-Methylphenol	8.322	107	792994	52.614	ng		95
18) Hexachloroethane	8.916	117	313249	40.638	ng		97
19) n-Nitroso-di-n-propyla...	8.663	70	653666	47.590	ng	#	87
20) 3+4-Methylphenols	8.657	107	1081149	52.798	ng		91
22) Acetophenone	8.675	105	1322990	41.539	ng	#	94
24) Nitrobenzene	9.057	77	966439	42.770	ng		95
25) Isophorone	9.587	82	1906259	48.751	ng		98
26) 2-Nitrophenol	9.769	139	505228	47.405	ng		91
27) 2,4-Dimethylphenol	9.851	122	920208	55.737	ng		97
28) bis(2-Chloroethoxy)met...	10.069	93	1166112	41.859	ng		99
29) 2,4-Dichlorophenol	10.316	162	923734	49.753	ng		99
30) 1,2,4-Trichlorobenzene	10.510	180	814183	38.697	ng		99
31) Naphthalene	10.698	128	2772605	41.448	ng		99
32) Benzoic acid	10.045	122	728578	55.671	ng		92
33) 4-Chloroaniline	10.828	127	1037121	38.471	ng		95
34) Hexachlorobutadiene	10.975	225	470510	38.056	ng		99
35) Caprolactam	11.639	113	329094m	57.546	ng		
36) 4-Chloro-3-methylphenol	11.981	107	1017769	52.153	ng		99
37) 2-Methylnaphthalene	12.310	142	2006308	45.071	ng		98
38) 1-Methylnaphthalene	12.528	142	1924161	44.140	ng		98
40) 1,2,4,5-Tetrachloroben...	12.681	216	959009	40.207	ng		99
41) Hexachlorocyclopentadiene	12.651	237	1214993	96.179	ng		99
43) 2,4,6-Trichlorophenol	12.933	196	736648	45.388	ng		99

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44) 2,4,5-Trichlorophenol	13.016	196	819227	47.816	ng		98
46) 1,1'-Biphenyl	13.322	154	2656866	41.438	ng		98
47) 2-Chloronaphthalene	13.363	162	2035638	41.483	ng		99
48) 2-Nitroaniline	13.586	65	664735	49.707	ng		89
49) Acenaphthylene	14.210	152	3387500	44.658	ng		99
50) Dimethylphthalate	13.957	163	2672705	44.673	ng		99
51) 2,6-Dinitrotoluene	14.080	165	602230	50.169	ng		87
52) Acenaphthene	14.551	154	2459966m	49.576	ng		
53) 3-Nitroaniline	14.416	138	596506	42.592	ng		93
54) 2,4-Dinitrophenol	14.622	184	765164	120.455	ng		87
55) Dibenzofuran	14.886	168	3172880	42.700	ng		98
56) 4-Nitrophenol	14.763	139	1230327	109.776	ng		88
57) 2,4-Dinitrotoluene	14.863	165	850960	54.084	ng		98
58) Fluorene	15.533	166	2600307	44.363	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.122	232	689543	47.512	ng		96
60) Diethylphthalate	15.316	149	2780154	45.218	ng		99
61) 4-Chlorophenyl-phenyle...	15.527	204	1239150	42.397	ng		97
62) 4-Nitroaniline	15.580	138	745578m	51.748	ng		
63) Azobenzene	15.822	77	2527348	43.240	ng		94
65) 4,6-Dinitro-2-methylph...	15.627	198	459204	48.573	ng		93
66) n-Nitrosodiphenylamine	15.751	169	2279053	43.664	ng		99
67) 4-Bromophenyl-phenylether	16.422	248	779124	42.128	ng		95
68) Hexachlorobenzene	16.527	284	929063	43.782	ng		94
69) Atrazine	16.704	200	838715	57.427	ng		97
70) Pentachlorophenol	16.886	266	1207512	97.161	ng		99
71) Phenanthrene	17.274	178	4137978	43.929	ng		99
72) Anthracene	17.363	178	4217048	46.241	ng		98
73) Carbazole	17.645	167	4111771	44.499	ng		99
74) Di-n-butylphthalate	18.198	149	4949935	44.875	ng		99
75) Fluoranthene	19.286	202	4874309	46.227	ng		98
77) Benzidine	19.480	184	3541177	130.189	ng		99
78) Pyrene	19.651	202	5011189	44.557	ng		98
80) Butylbenzylphthalate	20.551	149	2316094	47.714	ng		97
81) Benzo(a)anthracene	21.398	228	5027675	45.005	ng		99
82) 3,3'-Dichlorobenzidine	21.339	252	1698643	62.620	ng		99
83) Chrysene	21.451	228	4722043	44.466	ng		99
84) Bis(2-ethylhexyl)phtha...	21.327	149	3283165	44.832	ng	#	98
85) Di-n-octyl phthalate	22.233	149	5620814	47.029	ng	#	95
87) Indeno(1,2,3-cd)pyrene	26.227	276	6112947	44.964	ng		99
88) Benzo(b)fluoranthene	23.056	252	5539131	48.869	ng		99
89) Benzo(k)fluoranthene	23.103	252	5086548	44.431	ng		99
90) Benzo(a)pyrene	23.668	252	4810455	50.583	ng		98
91) Dibenzo(a,h)anthracene	26.244	278	5403058	47.478	ng		99
92) Benzo(g,h,i)perylene	26.986	276	5308686	48.187	ng		99

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

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