Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
Data File : BM039978.D
Acq On : 24 May 2023 11:22
Operator : CG/JU
Sample : PB152902BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 24 13:17:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 24 01:06:13 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB152902BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.016	152	243470	20.000	ng		0.00
21) Naphthalene-d8	10.833	136	953107	20.000	ng		0.00
39) Acenaphthene-d10	14.651	164	463260	20.000	ng		0.00
64) Phenanthrene-d10	17.398	188	812987	20.000	ng		0.00
76) Chrysene-d12	21.574	240	662429	20.000	ng		0.00
86) Perylene-d12	24.027	264	718210	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.563	112	1581011	99.609	ng		0.00
7) Phenol-d6	7.169	99	1833592	88.558	ng		0.00
23) Nitrobenzene-d5	9.186	82	1602305	90.714	ng		0.00
42) 2,4,6-Tribromophenol	16.139	330	523927	87.136	ng		0.00
45) 2-Fluorobiphenyl	13.280	172	3679630	93.685	ng		0.00
79) Terphenyl-d14	20.015	244	4520957	105.969	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.422	88	278508	43.449	ng		99
3) Pyridine	3.828	79	714840	40.619	ng		98
4) n-Nitrosodimethylamine	3.740	42	344597	46.090	ng		96
6) Aniline	7.339	93	799913	31.223	ng		99
8) 2-Chlorophenol	7.575	128	814660	48.760	ng		98
9) Benzaldehyde	7.145	77	485035	48.460	ng		99
10) Phenol	7.198	94	1017417	49.022	ng		98
11) bis(2-Chloroethyl)ether	7.434	93	804893	47.085	ng		100
12) 1,3-Dichlorobenzene	7.904	146	914126	51.667	ng		99
13) 1,4-Dichlorobenzene	8.051	146	936349	52.016	ng		99
14) 1,2-Dichlorobenzene	8.375	146	887260	50.266	ng		99
15) Benzyl Alcohol	8.257	79	608825	45.617	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.545	45	1012947	46.193	ng		99
17) 2-Methylphenol	8.457	107	649157	43.718	ng		99
18) Hexachloroethane	9.110	117	341817	52.376	ng		97
19) n-Nitroso-di-n-propyla...	8.828	70	547758	45.676	ng		98
20) 3+4-Methylphenols	8.786	107	844596	43.105	ng		99
22) Acetophenone	8.845	105	1230253	47.822	ng	#	99
24) Nitrobenzene	9.228	77	827864	46.206	ng		99
25) Isophorone	9.757	82	1466680	45.533	ng		98
26) 2-Nitrophenol	9.939	139	343487	54.178	ng		98
27) 2,4-Dimethylphenol	9.998	122	709853	49.158	ng		98
28) bis(2-Chloroethoxy)met...	10.239	93	985767	46.678	ng		99
29) 2,4-Dichlorophenol	10.475	162	660604	48.286	ng		98
30) 1,2,4-Trichlorobenzene	10.698	180	743899	49.666	ng		99
31) Naphthalene	10.886	128	2464922	46.872	ng		100
32) Benzoic acid	10.116	122	342096	37.242	ng		96
33) 4-Chloroaniline	10.992	127	266520	12.027	ng		99
34) Hexachlorobutadiene	11.174	225	405834	48.274	ng		99
35) Caprolactam	11.763	113	172927	44.762	ng		86
36) 4-Chloro-3-methylphenol	12.104	107	645519	45.649	ng		99
37) 2-Methylnaphthalene	12.486	142	1564456	44.632	ng		99
38) 1-Methylnaphthalene	12.704	142	1454770	44.337	ng		98
40) 1,2,4,5-Tetrachloroben...	12.851	216	762719	52.055	ng		99
41) Hexachlorocyclopentadiene	12.839	237	1071559	141.371	ng		100
43) 2,4,6-Trichlorophenol	13.086	196	443634	49.884	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.157	196	477747	45.133	ng	99
46) 1,1'-Biphenyl	13.492	154	1986705	50.091	ng	100
47) 2-Chloronaphthalene	13.533	162	1508164	50.942	ng	99
48) 2-Nitroaniline	13.733	65	351796	44.135	ng	97
49) Acenaphthylene	14.374	152	2279274	49.178	ng	99
50) Dimethylphthalate	14.110	163	1672029	47.879	ng	99
51) 2,6-Dinitrotoluene	14.227	165	329190	49.275	ng	97
52) Acenaphthene	14.715	154	1572744m	51.935	ng	
53) 3-Nitroaniline	14.551	138	166782	21.104	ng	97
54) 2,4-Dinitrophenol	14.757	184	302158	81.143	ng	97
55) Dibenzofuran	15.051	168	2122600	47.481	ng	99
56) 4-Nitrophenol	14.851	139	646999	105.832	ng	97
57) 2,4-Dinitrotoluene	15.010	165	438561	45.781	ng	95
58) Fluorene	15.698	166	1762741	47.434	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.274	232	376734	47.857	ng	99
60) Diethylphthalate	15.468	149	1651149	47.834	ng	99
61) 4-Chlorophenyl-phenyle...	15.692	204	851909	46.856	ng	100
62) 4-Nitroaniline	15.715	138	375160	45.581	ng	97
63) Azobenzene	15.986	77	1643646	47.760	ng	98
65) 4,6-Dinitro-2-methylph...	15.768	198	187025	42.760	ng	98
66) n-Nitrosodiphenylamine	15.904	169	1394365	49.874	ng	100
67) 4-Bromophenyl-phenylether	16.586	248	439696	48.947	ng	96
68) Hexachlorobenzene	16.698	284	531828	51.806	ng	98
69) Atrazine	16.856	200	419599	60.337	ng	99
70) Pentachlorophenol	17.039	266	618582	91.791	ng	99
71) Phenanthrene	17.439	178	2343051	48.183	ng	100
72) Anthracene	17.527	178	2380095	49.400	ng	99
73) Carbazole	17.798	167	2171831	49.894	ng	100
74) Di-n-butylphthalate	18.362	149	2442497	44.203	ng	100
75) Fluoranthene	19.450	202	2276279	46.966	ng	100
77) Benzidine	19.633	184	706155	68.647	ng	100
78) Pyrene	19.809	202	2402791	49.432	ng	100
80) Butylbenzylphthalate	20.709	149	892856	45.002	ng	92
81) Benzo(a)anthracene	21.556	228	2290697	48.848	ng	100
82) 3,3'-Dichlorobenzidine	21.486	252	513361	36.647	ng	98
83) Chrysene	21.609	228	2121793	47.157	ng	99
84) Bis(2-ethylhexyl)phtha...	21.486	149	1408451	44.502	ng	100
85) Di-n-octyl phthalate	22.433	149	2349505	48.033	ng	98
87) Indeno(1,2,3-cd)pyrene	26.585	276	3147766	55.113	ng	99
88) Benzo(b)fluoranthene	23.280	252	2310315	50.243	ng	99
89) Benzo(k)fluoranthene	23.327	252	2364566	47.027	ng	99
90) Benzo(a)pyrene	23.915	252	2004916	45.465	ng	98
91) Dibenzo(a,h)anthracene	26.603	278	2696691	54.689	ng	99
92) Benzo(g,h,i)perylene	27.373	276	2417817	55.479	ng	99

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

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