Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050924\
Data File : BF137860.D
Acq On : 09 May 2024 12:22
Operator : CG\JU
Sample : PB160643BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB160643BS

Quant Time: May 09 13:05:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.051	152	186771	20.000	ng		0.00
21) Naphthalene-d8	8.339	136	765296	20.000	ng		0.00
39) Acenaphthene-d10	10.104	164	433458	20.000	ng		0.00
64) Phenanthrene-d10	11.598	188	740180	20.000	ng	#	0.00
76) Chrysene-d12	14.251	240	430130	20.000	ng	#	0.00
86) Perylene-d12	15.815	264	354854	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.687	112	1372132	123.003	ng		0.01
7) Phenol-d6	6.675	99	1711171	120.936	ng		0.00
23) Nitrobenzene-d5	7.616	82	1091342	82.850	ng		0.00
42) 2,4,6-Tribromophenol	10.898	330	594718	134.378	ng		0.00
45) 2-Fluorobiphenyl	9.416	172	2298612	86.033	ng		0.00
79) Terphenyl-d14	13.186	244	2502028	97.483	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.081	88	165433	32.933	ng		97
3) Pyridine	3.816	79	417775	34.363	ng		98
4) n-Nitrosodimethylamine	3.781	42	217604	39.748	ng		100
6) Aniline	6.716	93	465826m	33.216	ng		
8) 2-Chlorophenol	6.840	128	572548	47.097	ng		97
9) Benzaldehyde	6.610	77	533266	69.984	ng		99
10) Phenol	6.687	94	625497	43.142	ng		97
11) bis(2-Chloroethyl)ether	6.781	93	506103	44.581	ng		99
12) 1,3-Dichlorobenzene	6.992	146	581607	42.425	ng		99
13) 1,4-Dichlorobenzene	7.069	146	589634	42.865	ng		100
14) 1,2-Dichlorobenzene	7.222	146	570925	44.067	ng		99
15) Benzyl Alcohol	7.192	79	476287	48.675	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.316	45	651477	40.827	ng		97
17) 2-Methylphenol	7.292	107	454709	46.354	ng		99
18) Hexachloroethane	7.563	117	205946	44.287	ng		97
19) n-Nitroso-di-n-propyla...	7.463	70	375074	44.357	ng		96
20) 3+4-Methylphenols	7.445	107	574717	44.532	ng	#	88
22) Acetophenone	7.463	105	757337	44.001	ng		98
24) Nitrobenzene	7.634	77	564215	41.559	ng		98
25) Isophorone	7.875	82	1072489	45.157	ng		98
26) 2-Nitrophenol	7.951	139	312057	50.758	ng		96
27) 2,4-Dimethylphenol	7.975	122	427001	48.244	ng		95
28) bis(2-Chloroethoxy)met...	8.075	93	644573	44.825	ng		100
29) 2,4-Dichlorophenol	8.186	162	502901	47.009	ng		99
30) 1,2,4-Trichlorobenzene	8.275	180	513887	44.064	ng		99
31) Naphthalene	8.363	128	1644929	43.251	ng		100
32) Benzoic acid	8.104	122	384897	50.408	ng		96
33) 4-Chloroaniline	8.398	127	233763	16.575	ng		99
34) Hexachlorobutadiene	8.469	225	316040	44.139	ng		99
35) Caprolactam	8.781	113	145489m	42.922	ng		
36) 4-Chloro-3-methylphenol	8.881	107	521964	46.787	ng		95
37) 2-Methylnaphthalene	9.051	142	1115122	45.296	ng		99
38) 1-Methylnaphthalene	9.151	142	1026699	42.390	ng		100
40) 1,2,4,5-Tetrachloroben...	9.216	216	526373	45.850	ng		99
41) Hexachlorocyclopentadiene	9.204	237	605998	129.957	ng		99
43) 2,4,6-Trichlorophenol	9.328	196	374029	47.862	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.369	196	386087	44.743	ng		98
46) 1,1'-Biphenyl	9.516	154	1364539	45.871	ng		100
47) 2-Chloronaphthalene	9.545	162	1067173	44.435	ng		98
48) 2-Nitroaniline	9.639	65	301031	46.217	ng		96
49) Acenaphthylene	9.969	152	1676961	48.269	ng		99
50) Dimethylphthalate	9.816	163	1300838	47.539	ng		100
51) 2,6-Dinitrotoluene	9.880	165	288675	46.162	ng		99
52) Acenaphthene	10.139	154	1140972	49.546	ng		99
53) 3-Nitroaniline	10.051	138	208251	31.800	ng		95
54) 2,4-Dinitrophenol	10.157	184	323248	105.200	ng	#	86
55) Dibenzofuran	10.310	168	1510895	45.086	ng		98
56) 4-Nitrophenol	10.210	139	450554	83.012	ng		98
57) 2,4-Dinitrotoluene	10.286	165	391357	47.903	ng		98
58) Fluorene	10.657	166	1179694	44.232	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.422	232	324388	46.304	ng		97
60) Diethylphthalate	10.516	149	1233826	47.476	ng		99
61) 4-Chlorophenyl-phenyle...	10.639	204	603144	45.897	ng		95
62) 4-Nitroaniline	10.675	138	272063	40.959	ng		94
63) Azobenzene	10.804	77	1117579	44.493	ng		95
65) 4,6-Dinitro-2-methylph...	10.698	198	217404	51.173	ng		83
66) n-Nitrosodiphenylamine	10.763	169	1043498	47.097	ng		100
67) 4-Bromophenyl-phenylether	11.133	248	378358	47.763	ng		96
68) Hexachlorobenzene	11.198	284	399473	46.146	ng		98
69) Atrazine	11.286	200	359396	53.199	ng		98
70) Pentachlorophenol	11.392	266	487158	81.969	ng		100
71) Phenanthrene	11.622	178	1642640	45.531	ng		100
72) Anthracene	11.675	178	1679856	46.797	ng		100
73) Carbazole	11.827	167	1482775	42.860	ng		99
74) Di-n-butylphthalate	12.145	149	1856543	49.195	ng		100
75) Fluoranthene	12.816	202	1666499	42.257	ng		99
77) Benzidine	12.927	184	190790	19.179	ng		100
78) Pyrene	13.051	202	1674239	49.092	ng		99
80) Butylbenzylphthalate	13.651	149	662966	61.269	ng		98
81) Benzo(a)anthracene	14.239	228	1320674	48.006	ng		99
82) 3,3'-Dichlorobenzidine	14.192	252	290413	35.262	ng		100
83) Chrysene	14.280	228	1211084	47.016	ng		98
84) Bis(2-ethylhexyl)phtha...	14.204	149	890952	65.333	ng		99
85) Di-n-octyl phthalate	14.833	149	1263392	68.839	ng		98
87) Indeno(1,2,3-cd)pyrene	17.456	276	1067130	52.895	ng		99
88) Benzo(b)fluoranthene	15.345	252	1066055	48.286	ng		99
89) Benzo(k)fluoranthene	15.380	252	970691	45.488	ng		99
90) Benzo(a)pyrene	15.751	252	906506	50.328	ng		99
91) Dibenzo(a,h)anthracene	17.480	278	871386	53.064	ng		99
92) Benzo(g,h,i)perylene	17.962	276	825057	47.927	ng		98

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

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