Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
Data File : BF133311.D
Acq On : 09 May 2023 11:50
Operator : CG\JU
Sample : PB152628BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 10 01:44:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 09 04:59:36 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB152628BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.722	152	203288	20.000	ng		0.00
21) Naphthalene-d8	8.010	136	803115	20.000	ng		0.00
39) Acenaphthene-d10	9.763	164	420488	20.000	ng		0.00
64) Phenanthrene-d10	11.239	188	752646	20.000	ng		0.00
76) Chrysene-d12	13.880	240	443796	20.000	ng		0.00
86) Perylene-d12	15.292	264	387302	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.345	112	1318846	98.002	ng		0.02
7) Phenol-d6	6.375	99	1624919	97.281	ng		0.00
23) Nitrobenzene-d5	7.292	82	995009	66.874	ng		0.00
42) 2,4,6-Tribromophenol	10.551	330	399281	94.419	ng		0.00
45) 2-Fluorobiphenyl	9.086	172	1713216	68.164	ng		0.00
79) Terphenyl-d14	12.827	244	1779986	69.173	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.481	88	249578	39.984	ng		98
3) Pyridine	3.169	79	608204	36.686	ng		97
4) n-Nitrosodimethylamine	3.128	42	333965	38.891	ng		98
6) Aniline	6.387	93	728055	33.842	ng	#	34
8) 2-Chlorophenol	6.510	128	587328	42.985	ng		97
9) Benzaldehyde	6.269	77	336576	45.988	ng		98
10) Phenol	6.387	94	723493	39.263	ng	#	72
11) bis(2-Chloroethyl)ether	6.463	93	562584	40.685	ng		99
12) 1,3-Dichlorobenzene	6.663	146	630728	43.418	ng		99
13) 1,4-Dichlorobenzene	6.739	146	640533	43.995	ng		98
14) 1,2-Dichlorobenzene	6.892	146	592003	44.105	ng		98
15) Benzyl Alcohol	6.869	79	464670	40.273	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	912207	37.982	ng		94
17) 2-Methylphenol	6.992	107	486580	38.891	ng		97
18) Hexachloroethane	7.234	117	227225	44.891	ng		94
19) n-Nitroso-di-n-propyla...	7.145	70	394058	37.895	ng		94
20) 3+4-Methylphenols	7.145	107	585134	39.712	ng	#	69
22) Acetophenone	7.134	105	806026	43.326	ng	#	95
24) Nitrobenzene	7.310	77	615759	40.841	ng		99
25) Isophorone	7.551	82	1153799	40.843	ng		100
26) 2-Nitrophenol	7.628	139	330007	45.379	ng		91
27) 2,4-Dimethylphenol	7.669	122	543676	43.600	ng		99
28) bis(2-Chloroethoxy)met...	7.763	93	691897	41.401	ng		98
29) 2,4-Dichlorophenol	7.869	162	500615	44.100	ng		99
30) 1,2,4-Trichlorobenzene	7.951	180	518438	44.084	ng		99
31) Naphthalene	8.034	128	1684804	41.959	ng		100
32) Benzoic acid	7.804	122	349537	45.380	ng		99
33) 4-Chloroaniline	8.081	127	426831	26.309	ng		99
34) Hexachlorobutadiene	8.151	225	279964	42.952	ng		97
35) Caprolactam	8.457	113	177150m	46.454	ng		
36) 4-Chloro-3-methylphenol	8.569	107	530231	43.315	ng		99
37) 2-Methylnaphthalene	8.722	142	1107920	40.359	ng		99
38) 1-Methylnaphthalene	8.822	142	1045688	40.719	ng		100
40) 1,2,4,5-Tetrachloroben...	8.892	216	462328	40.893	ng		99
41) Hexachlorocyclopentadiene	8.875	237	562535	85.316	ng		100
43) 2,4,6-Trichlorophenol	9.004	196	321494	41.119	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	352841	39.020	ng		99
46) 1,1'-Biphenyl	9.186	154	1374226	41.215	ng		99
47) 2-Chloronaphthalene	9.210	162	1037542	42.514	ng		99
48) 2-Nitroaniline	9.304	65	331214	41.065	ng		95
49) Acenaphthylene	9.622	152	1588856	40.745	ng		100
50) Dimethylphthalate	9.492	163	1208091	41.204	ng		99
51) 2,6-Dinitrotoluene	9.551	165	277930	42.116	ng		89
52) Acenaphthene	9.798	154	1162491m	44.511	ng		
53) 3-Nitroaniline	9.716	138	246876	31.463	ng		98
54) 2,4-Dinitrophenol	9.828	184	295659	89.133	ng		99
55) Dibenzofuran	9.969	168	1425184	40.004	ng		99
56) 4-Nitrophenol	9.892	139	464010	76.352	ng		93
57) 2,4-Dinitrotoluene	9.957	165	361448	42.949	ng	#	92
58) Fluorene	10.310	166	1055587	40.442	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	288596	41.167	ng		99
60) Diethylphthalate	10.186	149	1136985	41.055	ng		100
61) 4-Chlorophenyl-phenyle...	10.304	204	501224	39.406	ng		98
62) 4-Nitroaniline	10.333	138	316556	43.895	ng		98
63) Azobenzene	10.463	77	1146760	39.088	ng		97
65) 4,6-Dinitro-2-methylph...	10.363	198	203532	44.615	ng		84
66) n-Nitrosodiphenylamine	10.422	169	971204	39.781	ng		99
67) 4-Bromophenyl-phenylether	10.792	248	324004	39.692	ng		96
68) Hexachlorobenzene	10.857	284	346129	41.381	ng		94
69) Atrazine	10.951	200	337330	47.952	ng		99
70) Pentachlorophenol	11.057	266	407677	68.436	ng		97
71) Phenanthrene	11.269	178	1612315	39.857	ng		99
72) Anthracene	11.322	178	1653385	39.938	ng		99
73) Carbazole	11.474	167	1501368	40.729	ng		99
74) Di-n-butylphthalate	11.810	149	1772907	42.500	ng		99
75) Fluoranthene	12.451	202	1588715	39.132	ng		99
77) Benzidine	12.574	184	1005718	134.010	ng	#	94
78) Pyrene	12.680	202	1638510	43.069	ng		99
80) Butylbenzylphthalate	13.304	149	691378	51.326	ng		98
81) Benzo(a)anthracene	13.868	228	1195913	39.187	ng		100
82) 3,3'-Dichlorobenzidine	13.833	252	286120	33.938	ng		100
83) Chrysene	13.904	228	1181959	38.739	ng		100
84) Bis(2-ethylhexyl)phtha...	13.863	149	740946	43.823	ng		99
85) Di-n-octyl phthalate	14.474	149	1227783	44.535	ng		97
87) Indeno(1,2,3-cd)pyrene	16.680	276	1066448	48.408	ng		97
88) Benzo(b)fluoranthene	14.892	252	1043910	42.367	ng		99
89) Benzo(k)fluoranthene	14.921	252	999312	40.913	ng		100
90) Benzo(a)pyrene	15.239	252	884844	39.454	ng		98
91) Dibenzo(a,h)anthracene	16.692	278	884815	48.154	ng		97
92) Benzo(g,h,i)perylene	17.092	276	881417	48.589	ng		97

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

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