Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050323\
Data File : BF133202.D
Acq On : 03 May 2023 12:27
Operator : CG\JU
Sample : PB152525BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 03 13:04:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 12:00:39 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB152525BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.734	152	191386	20.000	ng		0.00
21) Naphthalene-d8	8.016	136	774439	20.000	ng		0.00
39) Acenaphthene-d10	9.769	164	401698	20.000	ng		0.00
64) Phenanthrene-d10	11.251	188	739678	20.000	ng		0.00
76) Chrysene-d12	13.892	240	503357	20.000	ng		0.00
86) Perylene-d12	15.304	264	446065	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	1361905	107.495	ng		0.01
7) Phenol-d6	6.381	99	1651684	105.033	ng		0.00
23) Nitrobenzene-d5	7.298	82	979009	68.235	ng		0.00
42) 2,4,6-Tribromophenol	10.563	330	413753	102.418	ng		0.00
45) 2-Fluorobiphenyl	9.092	172	1743187	72.601	ng		0.00
79) Terphenyl-d14	12.839	244	1945500	66.659	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.481	88	258034	43.909	ng		97
3) Pyridine	3.175	79	628767	40.285	ng		98
4) n-Nitrosodimethylamine	3.134	42	337250	41.716	ng		95
6) Aniline	6.392	93	746791	36.871	ng	#	25
8) 2-Chlorophenol	6.522	128	588773	45.770	ng		93
9) Benzaldehyde	6.275	77	344325	52.940	ng		98
10) Phenol	6.392	94	728228	41.978	ng	#	73
11) bis(2-Chloroethyl)ether	6.469	93	571328	43.887	ng		99
12) 1,3-Dichlorobenzene	6.675	146	639033	46.725	ng		96
13) 1,4-Dichlorobenzene	6.751	146	641978	46.837	ng		97
14) 1,2-Dichlorobenzene	6.904	146	598288	47.345	ng		98
15) Benzyl Alcohol	6.881	79	467583	43.045	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	940837	41.610	ng		97
17) 2-Methylphenol	6.998	107	500086	42.456	ng		99
18) Hexachloroethane	7.245	117	225793	47.382	ng		97
19) n-Nitroso-di-n-propyla...	7.151	70	384636	39.289	ng		97
20) 3+4-Methylphenols	7.151	107	581688	41.934	ng	#	80
22) Acetophenone	7.145	105	795022	44.317	ng		99
24) Nitrobenzene	7.316	77	611353	42.050	ng		98
25) Isophorone	7.557	82	1137986	41.774	ng		99
26) 2-Nitrophenol	7.634	139	336665	48.009	ng		93
27) 2,4-Dimethylphenol	7.681	122	537959	44.739	ng		98
28) bis(2-Chloroethoxy)met...	7.769	93	693321	43.022	ng		99
29) 2,4-Dichlorophenol	7.881	162	492609	45.002	ng		97
30) 1,2,4-Trichlorobenzene	7.957	180	517202	45.607	ng		100
31) Naphthalene	8.039	128	1690924	43.671	ng		99
32) Benzoic acid	7.810	122	352914m	47.515	ng		
33) 4-Chloroaniline	8.086	127	472013	30.172	ng		99
34) Hexachlorobutadiene	8.157	225	279749	44.508	ng		99
35) Caprolactam	8.469	113	183034m	49.774	ng		
36) 4-Chloro-3-methylphenol	8.575	107	538011	45.577	ng		97
37) 2-Methylnaphthalene	8.728	142	1117050	42.198	ng		100
38) 1-Methylnaphthalene	8.828	142	1045470	42.218	ng		99
40) 1,2,4,5-Tetrachloroben...	8.898	216	454217	42.055	ng		98
41) Hexachlorocyclopentadiene	8.886	237	583680	92.664	ng		99
43) 2,4,6-Trichlorophenol	9.010	196	327551	43.853	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	356962	41.322	ng		99
46) 1,1'-Biphenyl	9.192	154	1375488	43.183	ng		99
47) 2-Chloronaphthalene	9.216	162	1032332	44.279	ng		99
48) 2-Nitroaniline	9.316	65	338095	43.879	ng		99
49) Acenaphthylene	9.633	152	1614469	43.339	ng		100
50) Dimethylphthalate	9.498	163	1209927	43.197	ng		99
51) 2,6-Dinitrotoluene	9.557	165	280542	44.501	ng		93
52) Acenaphthene	9.804	154	1185492m	47.515	ng		
53) 3-Nitroaniline	9.728	138	265470	35.415	ng		92
54) 2,4-Dinitrophenol	9.833	184	323735	102.163	ng		96
55) Dibenzofuran	9.975	168	1443545	42.415	ng		97
56) 4-Nitrophenol	9.898	139	503963	86.805	ng		94
57) 2,4-Dinitrotoluene	9.963	165	374218	46.546	ng		92
58) Fluorene	10.322	166	1062333	42.605	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.098	232	297299	44.392	ng		98
60) Diethylphthalate	10.198	149	1148826	43.423	ng		99
61) 4-Chlorophenyl-phenyle...	10.310	204	513064	42.223	ng		95
62) 4-Nitroaniline	10.345	138	336156	48.793	ng		95
63) Azobenzene	10.475	77	1163672	41.520	ng		96
65) 4,6-Dinitro-2-methylph...	10.369	198	224430	50.059	ng		78
66) n-Nitrosodiphenylamine	10.433	169	990542	41.284	ng		99
67) 4-Bromophenyl-phenylether	10.798	248	324849	40.494	ng		96
68) Hexachlorobenzene	10.869	284	357013	43.431	ng		99
69) Atrazine	10.963	200	342558	49.549	ng		98
70) Pentachlorophenol	11.063	266	419808	71.708	ng		99
71) Phenanthrene	11.280	178	1654880	41.626	ng		99
72) Anthracene	11.327	178	1703744	41.876	ng		99
73) Carbazole	11.486	167	1563245	43.151	ng		100
74) Di-n-butylphthalate	11.822	149	1814047	44.248	ng		99
75) Fluoranthene	12.463	202	1695624	42.498	ng		99
77) Benzidine	12.586	184	1084233	127.377	ng	#	93
78) Pyrene	12.692	202	1761750	40.829	ng		98
80) Butylbenzylphthalate	13.316	149	760755	49.794	ng		99
81) Benzo(a)anthracene	13.880	228	1413215	40.828	ng		99
82) 3,3'-Dichlorobenzidine	13.845	252	397943	41.616	ng		99
83) Chrysene	13.915	228	1424057	41.151	ng		100
84) Bis(2-ethylhexyl)phtha...	13.874	149	871638	45.453	ng		99
85) Di-n-octyl phthalate	14.486	149	1610836	51.516	ng		97
87) Indeno(1,2,3-cd)pyrene	16.692	276	1147377	45.220	ng		99
88) Benzo(b)fluoranthene	14.904	252	1266914	44.644	ng		98
89) Benzo(k)fluoranthene	14.933	252	1269505	45.129	ng		99
90) Benzo(a)pyrene	15.251	252	1083217	41.936	ng		98
91) Dibenzo(a,h)anthracene	16.704	278	951968	44.984	ng		99
92) Benzo(g,h,i)perylene	17.109	276	951426	45.539	ng		96

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

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