Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
Data File : BF133314.D
Acq On : 09 May 2023 13:24
Operator : CG\JU
Sample : PB152670BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 10 01:45:27 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 :
PB152670BS

Manual Integrations APPROVED

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

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.722	152	202138	20.000	ng		0.00
21) Naphthalene-d8	8.010	136	803538	20.000	ng		0.00
39) Acenaphthene-d10	9.763	164	414603	20.000	ng		0.00
64) Phenanthrene-d10	11.239	188	735479	20.000	ng		0.00
76) Chrysene-d12	13.874	240	416217	20.000	ng		0.00
86) Perylene-d12	15.292	264	375879	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.345	112	1303558	97.417	ng		0.02
7) Phenol-d6	6.369	99	1630050	98.143	ng		0.00
23) Nitrobenzene-d5	7.292	82	983188	66.045	ng		0.00
42) 2,4,6-Tribromophenol	10.551	330	394136	94.526	ng		0.00
45) 2-Fluorobiphenyl	9.086	172	1697891	68.513	ng		0.00
79) Terphenyl-d14	12.827	244	1689053	69.989	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.481	88	251520	40.524	ng		97
3) Pyridine	3.169	79	604736	36.684	ng		97
4) n-Nitrosodimethylamine	3.134	42	331895	38.870	ng		98
6) Aniline	6.386	93	730565	34.152	ng	#	38
8) 2-Chlorophenol	6.510	128	583860	42.974	ng		97
9) Benzaldehyde	6.269	77	332970	45.608	ng		99
10) Phenol	6.386	94	728664	39.769	ng	#	74
11) bis(2-Chloroethyl)ether	6.463	93	567766	41.294	ng		98
12) 1,3-Dichlorobenzene	6.663	146	631142	43.694	ng		99
13) 1,4-Dichlorobenzene	6.739	146	640727	44.259	ng		99
14) 1,2-Dichlorobenzene	6.892	146	593498	44.468	ng		96
15) Benzyl Alcohol	6.875	79	459055	40.012	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	915775	38.347	ng		94
17) 2-Methylphenol	6.986	107	492781	39.610	ng		98
18) Hexachloroethane	7.233	117	227639	45.228	ng		97
19) n-Nitroso-di-n-propyla...	7.145	70	384853	37.220	ng		95
20) 3+4-Methylphenols	7.145	107	577766	39.435	ng	#	69
22) Acetophenone	7.133	105	801900	43.081	ng	#	95
24) Nitrobenzene	7.310	77	612589	40.609	ng		100
25) Isophorone	7.551	82	1148899	40.648	ng		100
26) 2-Nitrophenol	7.628	139	330187	45.380	ng		93
27) 2,4-Dimethylphenol	7.669	122	539527	43.244	ng		100
28) bis(2-Chloroethoxy)met...	7.763	93	692596	41.421	ng		99
29) 2,4-Dichlorophenol	7.869	162	495741	43.648	ng		99
30) 1,2,4-Trichlorobenzene	7.951	180	520068	44.199	ng		100
31) Naphthalene	8.028	128	1675213	41.699	ng		99
32) Benzoic acid	7.804	122	331109m	42.965	ng		
33) 4-Chloroaniline	8.080	127	411672	25.362	ng		99
34) Hexachlorobutadiene	8.151	225	280357	42.989	ng		97
35) Caprolactam	8.457	113	170616m	44.717	ng		
36) 4-Chloro-3-methylphenol	8.569	107	524113	42.792	ng		98
37) 2-Methylnaphthalene	8.722	142	1098267	39.986	ng		98
38) 1-Methylnaphthalene	8.822	142	1045689	40.697	ng		99
40) 1,2,4,5-Tetrachloroben...	8.892	216	453103	40.646	ng		99
41) Hexachlorocyclopentadiene	8.875	237	554979	85.365	ng		99
43) 2,4,6-Trichlorophenol	9.004	196	321497	41.703	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	341713	38.326	ng		98
46) 1,1'-Biphenyl	9.186	154	1354527	41.201	ng		99
47) 2-Chloronaphthalene	9.210	162	1015988	42.222	ng		99
48) 2-Nitroaniline	9.304	65	325529	40.933	ng		94
49) Acenaphthylene	9.622	152	1565177	40.708	ng		100
50) Dimethylphthalate	9.492	163	1186159	41.030	ng		98
51) 2,6-Dinitrotoluene	9.551	165	275735	42.377	ng		87
52) Acenaphthene	9.792	154	1138659m	44.217	ng		
53) 3-Nitroaniline	9.716	138	235756	30.472	ng		99
54) 2,4-Dinitrophenol	9.827	184	281650	86.115	ng		99
55) Dibenzofuran	9.969	168	1400872	39.880	ng		98
56) 4-Nitrophenol	9.892	139	452117	75.451	ng		92
57) 2,4-Dinitrotoluene	9.957	165	353143	42.558	ng		90
58) Fluorene	10.310	166	1021007	39.673	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	286656	41.471	ng		98
60) Diethylphthalate	10.186	149	1122795	41.118	ng		100
61) 4-Chlorophenyl-phenyle...	10.298	204	496953	39.624	ng		93
62) 4-Nitroaniline	10.333	138	305922	43.022	ng		98
63) Azobenzene	10.463	77	1134746	39.228	ng		97
65) 4,6-Dinitro-2-methylph...	10.363	198	202856	45.505	ng		87
66) n-Nitrosodiphenylamine	10.421	169	945030	39.612	ng		100
67) 4-Bromophenyl-phenylether	10.792	248	319311	40.030	ng		96
68) Hexachlorobenzene	10.857	284	336257	41.139	ng		97
69) Atrazine	10.951	200	325091	47.291	ng		98
70) Pentachlorophenol	11.051	266	399795	68.679	ng		97
71) Phenanthrene	11.268	178	1567921	39.664	ng		100
72) Anthracene	11.321	178	1616388	39.956	ng		99
73) Carbazole	11.474	167	1456645	40.438	ng		99
74) Di-n-butylphthalate	11.810	149	1715279	42.078	ng		100
75) Fluoranthene	12.451	202	1536698	38.734	ng		98
77) Benzidine	12.574	184	899834	127.846	ng	#	94
78) Pyrene	12.680	202	1587574	44.496	ng		98
80) Butylbenzylphthalate	13.304	149	654428	51.802	ng		99
81) Benzo(a)anthracene	13.868	228	1138250	39.768	ng		100
82) 3,3'-Dichlorobenzidine	13.833	252	288833	36.529	ng		98
83) Chrysene	13.904	228	1123158	39.251	ng		100
84) Bis(2-ethylhexyl)phtha...	13.862	149	711299	44.857	ng	#	99
85) Di-n-octyl phthalate	14.474	149	1178959	45.598	ng		98
87) Indeno(1,2,3-cd)pyrene	16.674	276	1059691	49.563	ng		98
88) Benzo(b)fluoranthene	14.892	252	1029014	43.032	ng		99
89) Benzo(k)fluoranthene	14.921	252	968120	40.841	ng		99
90) Benzo(a)pyrene	15.233	252	863305	39.663	ng		99
91) Dibenzo(a,h)anthracene	16.686	278	878163	49.245	ng		98
92) Benzo(g,h,i)perylene	17.092	276	892494	50.695	ng		97

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

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