Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100923\
Data File : BF135645.D
Acq On : 09 Oct 2023 11:16
Operator : CG\JU
Sample : PB156053BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 09 12:06:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 04 17:06:20 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB156053BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.739	152	137376	20.000	ng		0.00
21) Naphthalene-d8	8.022	136	526770	20.000	ng		0.00
39) Acenaphthene-d10	9.780	164	257558	20.000	ng		0.00
64) Phenanthrene-d10	11.274	188	508261	20.000	ng	#	0.00
76) Chrysene-d12	13.939	240	271300	20.000	ng		0.01
86) Perylene-d12	15.404	264	258903	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	1063356	125.895	ng		0.02
7) Phenol-d6	6.398	99	1324958	123.366	ng		0.01
23) Nitrobenzene-d5	7.310	82	863792	89.089	ng		0.00
42) 2,4,6-Tribromophenol	10.580	330	333563	130.323	ng		0.01
45) 2-Fluorobiphenyl	9.104	172	1456090	85.295	ng		0.00
79) Terphenyl-d14	12.874	244	1542201	88.120	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.522	88	142731	38.548	ng		96
3) Pyridine	3.293	79	364354	36.562	ng		97
4) n-Nitrosodimethylamine	3.240	42	248129	46.921	ng		100
6) Aniline	6.410	93	424643	30.151	ng	#	1
8) 2-Chlorophenol	6.534	128	429272	47.609	ng		97
9) Benzaldehyde	6.298	77	86607	14.155	ng		97
10) Phenol	6.410	94	491558	41.739	ng		82
11) bis(2-Chloroethyl)ether	6.486	93	414955	46.973	ng		99
12) 1,3-Dichlorobenzene	6.681	146	417811	45.595	ng		97
13) 1,4-Dichlorobenzene	6.757	146	424975	45.584	ng		100
14) 1,2-Dichlorobenzene	6.910	146	390383	45.090	ng		97
15) Benzyl Alcohol	6.898	79	341782	44.347	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.022	45	743192	44.633	ng		77
17) 2-Methylphenol	7.010	107	334027	41.980	ng	#	91
18) Hexachloroethane	7.245	117	156317	45.379	ng		96
19) n-Nitroso-di-n-propyla...	7.163	70	279025	41.944	ng		99
20) 3+4-Methylphenols	7.169	107	414767	43.351	ng	#	66
22) Acetophenone	7.157	105	548191	45.518	ng		93
24) Nitrobenzene	7.328	77	439640	45.875	ng		98
25) Isophorone	7.569	82	818319	45.962	ng		99
26) 2-Nitrophenol	7.645	139	226541	49.253	ng		96
27) 2,4-Dimethylphenol	7.686	122	332475	43.004	ng		99
28) bis(2-Chloroethoxy)met...	7.775	93	509585	47.820	ng		100
29) 2,4-Dichlorophenol	7.892	162	340280	47.500	ng		99
30) 1,2,4-Trichlorobenzene	7.963	180	351446	46.935	ng		98
31) Naphthalene	8.045	128	1172644	45.817	ng		100
32) Benzoic acid	7.845	122	257044	44.153	ng		95
33) 4-Chloroaniline	8.104	127	311821	27.769	ng		99
34) Hexachlorobutadiene	8.151	225	202480	44.846	ng		98
35) Caprolactam	8.480	113	123733m	51.463	ng		
36) 4-Chloro-3-methylphenol	8.604	107	366758	46.063	ng		95
37) 2-Methylnaphthalene	8.733	142	719923	41.845	ng		100
38) 1-Methylnaphthalene	8.833	142	699826	43.448	ng		99
40) 1,2,4,5-Tetrachloroben...	8.904	216	345039	46.241	ng		99
41) Hexachlorocyclopentadiene	8.880	237	161991	52.106	ng		99
43) 2,4,6-Trichlorophenol	9.022	196	225190	46.094	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	237401	42.196	ng		99
46) 1,1'-Biphenyl	9.204	154	911340	46.044	ng		99
47) 2-Chloronaphthalene	9.227	162	679113	47.289	ng		97
48) 2-Nitroaniline	9.339	65	271975	48.748	ng		97
49) Acenaphthylene	9.645	152	1104727	46.287	ng		99
50) Dimethylphthalate	9.510	163	809414	46.482	ng		100
51) 2,6-Dinitrotoluene	9.580	165	178388	46.763	ng		97
52) Acenaphthene	9.816	154	653459	46.347	ng		97
53) 3-Nitroaniline	9.751	138	164414	36.717	ng		99
54) 2,4-Dinitrophenol	9.874	184	187388	86.019	ng		93
55) Dibenzofuran	9.992	168	945552	43.948	ng		100
56) 4-Nitrophenol	9.945	139	211029	74.152	ng		91
57) 2,4-Dinitrotoluene	9.998	165	219387	45.938	ng	#	88
58) Fluorene	10.333	166	771025	46.616	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.116	232	206589	47.734	ng		96
60) Diethylphthalate	10.216	149	832028	47.610	ng		99
61) 4-Chlorophenyl-phenyle...	10.322	204	359727	45.275	ng		96
62) 4-Nitroaniline	10.380	138	214383m	49.807	ng		
63) Azobenzene	10.486	77	835534	48.851	ng		96
65) 4,6-Dinitro-2-methylph...	10.410	198	123109	45.604	ng		95
66) n-Nitrosodiphenylamine	10.451	169	702116	45.629	ng		98
67) 4-Bromophenyl-phenylether	10.816	248	225396	44.588	ng		94
68) Hexachlorobenzene	10.886	284	247324	48.025	ng		95
69) Atrazine	10.986	200	225163	54.383	ng		98
70) Pentachlorophenol	11.092	266	211924	68.780	ng		99
71) Phenanthrene	11.304	178	1134496	47.195	ng		99
72) Anthracene	11.357	178	1152613	46.647	ng		99
73) Carbazole	11.516	167	1134054	50.418	ng		99
74) Di-n-butylphthalate	11.845	149	1319333	49.777	ng		100
75) Fluoranthene	12.498	202	1212167	48.394	ng		98
77) Benzidine	12.627	184	347843	62.583	ng		99
78) Pyrene	12.727	202	1232120	47.701	ng		100
80) Butylbenzylphthalate	13.351	149	501749	55.172	ng		97
81) Benzo(a)anthracene	13.927	228	850391	48.542	ng		99
82) 3,3'-Dichlorobenzidine	13.892	252	236538	43.227	ng		98
83) Chrysene	13.962	228	804463	46.187	ng		99
84) Bis(2-ethylhexyl)phtha...	13.910	149	596657	63.935	ng		99
85) Di-n-octyl phthalate	14.527	149	834366	56.259	ng		100
87) Indeno(1,2,3-cd)pyrene	16.909	276	853555	50.282	ng		97
88) Benzo(b)fluoranthene	14.980	252	660282	47.111	ng	#	98
89) Benzo(k)fluoranthene	15.009	252	646584	46.703	ng		98
90) Benzo(a)pyrene	15.345	252	609479	45.601	ng		99
91) Dibenzo(a,h)anthracene	16.915	278	693902	49.959	ng		100
92) Benzo(g,h,i)perylene	17.356	276	733828	50.589	ng		99

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

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