Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051722\
Data File : BF128285.D
Acq On : 17 May 2022 12:04
Operator : CG\JU
Sample : PB144826BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 18 01:33:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 18 01:31:11 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB144826BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	110050	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	427392	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	233694	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	416875	20.000	ng		0.00
76) Chrysene-d12	14.063	240	281780	20.000	ng		0.00
86) Perylene-d12	15.557	264	226067	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	538716	78.036	ng		0.01
7) Phenol-d6	6.516	99	680000	74.473	ng		0.00
23) Nitrobenzene-d5	7.445	82	721213	75.931	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	198172	73.940	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	1136309	76.081	ng		0.00
79) Terphenyl-d14	12.998	244	1286370	85.661	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.781	88	105108	34.226	ng		95
3) Pyridine	3.528	79	251260	30.840	ng		97
4) n-Nitrosodimethylamine	3.505	42	172134	42.384	ng		88
6) Aniline	6.546	93	347932	33.742	ng		99
8) 2-Chlorophenol	6.663	128	287957	40.953	ng		98
9) Benzaldehyde	6.434	77	191296	42.421	ng		94
10) Phenol	6.528	94	377517	39.207	ng		92
11) bis(2-Chloroethyl)ether	6.616	93	294533	40.844	ng		100
12) 1,3-Dichlorobenzene	6.816	146	305391	38.588	ng		95
13) 1,4-Dichlorobenzene	6.893	146	309771	38.736	ng		97
14) 1,2-Dichlorobenzene	7.045	146	298082	39.555	ng		98
15) Benzyl Alcohol	7.022	79	298228	41.330	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.145	45	432306	40.427	ng		93
17) 2-Methylphenol	7.134	107	240363	40.294	ng		94
18) Hexachloroethane	7.387	117	121291	40.147	ng		100
19) n-Nitroso-di-n-propyla...	7.293	70	226635	40.305	ng		95
20) 3+4-Methylphenols	7.287	107	287047	38.863	ng	#	82
22) Acetophenone	7.293	105	409588	38.486	ng	#	89
24) Nitrobenzene	7.463	77	356591	40.677	ng		96
25) Isophorone	7.704	82	642145	43.123	ng		99
26) 2-Nitrophenol	7.781	139	155685	40.445	ng		96
27) 2,4-Dimethylphenol	7.816	122	261162	44.017	ng		96
28) bis(2-Chloroethoxy)met...	7.910	93	367356	39.027	ng		99
29) 2,4-Dichlorophenol	8.022	162	242374	38.857	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	271925	38.037	ng		98
31) Naphthalene	8.187	128	815317	38.627	ng		99
32) Benzoic acid	7.957	122	149443	33.680	ng		92
33) 4-Chloroaniline	8.234	127	219277	26.169	ng		97
34) Hexachlorobutadiene	8.292	225	179002	37.289	ng		98
35) Caprolactam	8.616	113	80157m	39.367	ng		
36) 4-Chloro-3-methylphenol	8.722	107	276768	39.711	ng		94
37) 2-Methylnaphthalene	8.875	142	546675	38.415	ng		99
38) 1-Methylnaphthalene	8.975	142	518171	37.911	ng		98
40) 1,2,4,5-Tetrachloroben...	9.039	216	272240	39.492	ng		98
41) Hexachlorocyclopentadiene	9.022	237	253026	80.291	ng		100
43) 2,4,6-Trichlorophenol	9.157	196	174067	39.194	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	184656	38.994	ng		94
46) 1,1'-Biphenyl	9.339	154	683919	40.200	ng		100
47) 2-Chloronaphthalene	9.369	162	501819	39.797	ng		97
48) 2-Nitroaniline	9.469	65	192285	42.533	ng		93
49) Acenaphthylene	9.786	152	803053	42.106	ng		100
50) Dimethylphthalate	9.645	163	611160	40.526	ng		99
51) 2,6-Dinitrotoluene	9.710	165	141449	42.758	ng	#	86
52) Acenaphthene	9.957	154	579735m	43.840	ng		
53) 3-Nitroaniline	9.881	138	98491	27.462	ng		94
54) 2,4-Dinitrophenol	9.998	184	136482	74.575	ng	#	80
55) Dibenzofuran	10.128	168	723908	38.555	ng		98
56) 4-Nitrophenol	10.057	139	180422	71.996	ng		89
57) 2,4-Dinitrotoluene	10.122	165	180672	40.843	ng	#	74
58) Fluorene	10.475	166	575669	39.363	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	157366	38.886	ng		99
60) Diethylphthalate	10.339	149	613808	40.795	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	279656	38.344	ng		97
62) 4-Nitroaniline	10.504	138	135999	37.406	ng		89
63) Azobenzene	10.622	77	655281	39.772	ng		97
65) 4,6-Dinitro-2-methylph...	10.534	198	98844	37.885	ng		99
66) n-Nitrosodiphenylamine	10.586	169	505167	41.579	ng		98
67) 4-Bromophenyl-phenylether	10.951	248	179004	39.912	ng		97
68) Hexachlorobenzene	11.022	284	204709	41.726	ng		92
69) Atrazine	11.110	200	176085	42.965	ng		97
70) Pentachlorophenol	11.222	266	185989	78.112	ng		96
71) Phenanthrene	11.439	178	849161	40.908	ng		100
72) Anthracene	11.492	178	855960	41.301	ng		100
73) Carbazole	11.651	167	768984	39.020	ng		99
74) Di-n-butylphthalate	11.969	149	933969	41.166	ng		99
75) Fluoranthene	12.633	202	889402	39.521	ng		97
77) Benzidine	12.751	184	288513	47.275	ng		98
78) Pyrene	12.863	202	893361	43.725	ng		99
80) Butylbenzylphthalate	13.469	149	370586	43.629	ng		99
81) Benzo(a)anthracene	14.051	228	741876	41.220	ng		99
82) 3,3'-Dichlorobenzidine	14.016	252	178854	44.287	ng	#	98
83) Chrysene	14.092	228	676822	39.412	ng		100
84) Bis(2-ethylhexyl)phtha...	14.022	149	494756	43.109	ng		97
85) Di-n-octyl phthalate	14.639	149	752241	41.032	ng		99
87) Indeno(1,2,3-cd)pyrene	17.080	276	587090	42.931	ng		97
88) Benzo(b)fluoranthene	15.116	252	598341	42.697	ng		100
89) Benzo(k)fluoranthene	15.145	252	591608	42.767	ng		99
90) Benzo(a)pyrene	15.492	252	558025	49.323	ng		98
91) Dibenzo(a,h)anthracene	17.092	278	503643	45.491	ng		98
92) Benzo(g,h,i)perylene	17.545	276	524240	46.766	ng		97

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

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