Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110124\
Data File : BF140203.D
Acq On : 01 Nov 2024 10:41
Operator : RC/JU
Sample : PB164531BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 01 11:48:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB164531BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.886	152	129622	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	521877	20.000	ng		0.00
39) Acenaphthene-d10	9.927	164	295286	20.000	ng		0.00
64) Phenanthrene-d10	11.421	188	550886	20.000	ng		0.00
76) Chrysene-d12	14.080	240	342085	20.000	ng		0.03
86) Perylene-d12	15.580	264	274353	20.000	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1009520	121.923	ng		0.02
7) Phenol-d6	6.516	99	1276406	119.024	ng		0.00
23) Nitrobenzene-d5	7.451	82	879938	93.450	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	394547	142.848	ng		0.01
45) 2-Fluorobiphenyl	9.245	172	1553470	86.947	ng		0.00
79) Terphenyl-d14	13.015	244	1849152	88.082	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.775	88	125492	32.507	ng		99
3) Pyridine	3.522	79	330816	34.571	ng		98
4) n-Nitrosodimethylamine	3.481	42	219658	42.725	ng	#	91
6) Aniline	6.545	93	472772	47.303	ng		92
8) 2-Chlorophenol	6.669	128	410734	48.523	ng		99
9) Benzaldehyde	6.434	77	74764	12.393	ng		100
10) Phenol	6.528	94	527398m	47.703	ng		
11) bis(2-Chloroethyl)ether	6.622	93	408546	47.809	ng		99
12) 1,3-Dichlorobenzene	6.828	146	435029	44.771	ng		99
13) 1,4-Dichlorobenzene	6.904	146	437670	45.085	ng		99
14) 1,2-Dichlorobenzene	7.057	146	417872	46.122	ng		99
15) Benzyl Alcohol	7.022	79	391305	49.744	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	710084	48.733	ng		99
17) 2-Methylphenol	7.133	107	347643	48.165	ng		98
18) Hexachloroethane	7.398	117	162590	46.968	ng		97
19) n-Nitroso-di-n-propyla...	7.298	70	307367	47.258	ng		99
20) 3+4-Methylphenols	7.286	107	419923	45.485	ng	#	83
22) Acetophenone	7.292	105	565334	44.227	ng		95
24) Nitrobenzene	7.469	77	469489	45.476	ng		99
25) Isophorone	7.704	82	849700	47.544	ng		99
26) 2-Nitrophenol	7.781	139	217132	55.751	ng		99
27) 2,4-Dimethylphenol	7.816	122	344208	53.002	ng		98
28) bis(2-Chloroethoxy)met...	7.910	93	497630	45.958	ng		99
29) 2,4-Dichlorophenol	8.022	162	343723	46.467	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	358513	43.801	ng		98
31) Naphthalene	8.186	128	1192622	44.310	ng		100
32) Benzoic acid	7.939	122	263842	46.581	ng		99
33) 4-Chloroaniline	8.233	127	300591	32.752	ng		100
34) Hexachlorobutadiene	8.304	225	232640	45.237	ng		98
35) Caprolactam	8.616	113	107742m	45.808	ng		
36) 4-Chloro-3-methylphenol	8.716	107	396151	48.366	ng		99
37) 2-Methylnaphthalene	8.880	142	755708	45.845	ng		99
38) 1-Methylnaphthalene	8.980	142	708867	43.831	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	363492	45.628	ng		99
41) Hexachlorocyclopentadiene	9.033	237	455655	164.383	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	274874	48.736	ng		99

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44) 2,4,5-Trichlorophenol	9.204	196	271693	46.690	ng		98
46) 1,1'-Biphenyl	9.345	154	928665	45.177	ng		99
47) 2-Chloronaphthalene	9.375	162	732952	44.270	ng		99
48) 2-Nitroaniline	9.469	65	280152	55.326	ng		98
49) Acenaphthylene	9.792	152	1164380	48.647	ng		100
50) Dimethylphthalate	9.651	163	897277	48.784	ng		100
51) 2,6-Dinitrotoluene	9.716	165	197741	49.654	ng		99
52) Acenaphthene	9.963	154	835850	53.983	ng		99
53) 3-Nitroaniline	9.880	138	164214	39.986	ng		99
54) 2,4-Dinitrophenol	9.992	184	242202	140.964	ng	#	1
55) Dibenzofuran	10.139	168	1024518	46.117	ng		99
56) 4-Nitrophenol	10.045	139	335799	106.279	ng		93
57) 2,4-Dinitrotoluene	10.122	165	273892	55.927	ng		96
58) Fluorene	10.480	166	798373	47.184	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	230068	50.435	ng		99
60) Diethylphthalate	10.357	149	880306	48.746	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	404336	47.319	ng		98
62) 4-Nitroaniline	10.504	138	212570	54.804	ng		96
63) Azobenzene	10.633	77	911991	47.635	ng		99
65) 4,6-Dinitro-2-methylph...	10.533	198	159299	70.893	ng		96
66) n-Nitrosodiphenylamine	10.592	169	741018	44.943	ng		99
67) 4-Bromophenyl-phenylether	10.963	248	262959	46.335	ng		98
68) Hexachlorobenzene	11.033	284	285481	44.728	ng		98
69) Atrazine	11.121	200	254138	56.901	ng		98
70) Pentachlorophenol	11.227	266	357120	92.191	ng		99
71) Phenanthrene	11.451	178	1186870	45.611	ng		100
72) Anthracene	11.504	178	1209649	47.645	ng		100
73) Carbazole	11.657	167	1084663	45.937	ng		99
74) Di-n-butylphthalate	11.986	149	1347316	49.389	ng		100
75) Fluoranthene	12.639	202	1279951	48.657	ng		99
77) Benzidine	12.763	184	387457	68.881	ng		99
78) Pyrene	12.868	202	1303458	43.530	ng		100
80) Butylbenzylphthalate	13.492	149	537469	59.870	ng		100
81) Benzo(a)anthracene	14.068	228	1068499	47.982	ng		100
82) 3,3'-Dichlorobenzidine	14.027	252	278367	42.873	ng		99
83) Chrysene	14.104	228	984160	48.201	ng		100
84) Bis(2-ethylhexyl)phtha...	14.051	149	701582	69.657	ng		100
85) Di-n-octyl phthalate	14.680	149	1105441	60.342	ng		99
87) Indeno(1,2,3-cd)pyrene	17.109	276	828153	46.921	ng		98
88) Benzo(b)fluoranthene	15.139	252	810103	48.473	ng		99
89) Benzo(k)fluoranthene	15.168	252	790884	54.873	ng		100
90) Benzo(a)pyrene	15.515	252	716832	52.128	ng		99
91) Dibenzo(a,h)anthracene	17.127	278	677815	46.035	ng		99
92) Benzo(g,h,i)perylene	17.574	276	624704	42.476	ng		99

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

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