

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
 Data File : BF137877.D
 Acq On : 10 May 2024 13:03
 Operator : CG\JU
 Sample : PB160825BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160825BS

Quant Time: May 11 00:31:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/13/2024
 Supervised By :mohammad ahmed 05/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	170087	20.000	ng	0.00
21) Naphthalene-d8	8.334	136	689675	20.000	ng	-0.01
39) Acenaphthene-d10	10.098	164	383994	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	673281	20.000	ng	0.00
76) Chrysene-d12	14.245	240	421900	20.000	ng	0.00
86) Perylene-d12	15.810	264	354271	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1237788	121.844	ng	0.01
7) Phenol-d6	6.669	99	1528872	118.651	ng	0.00
23) Nitrobenzene-d5	7.616	82	997499	84.029	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	537092	136.990	ng	0.00
45) 2-Fluorobiphenyl	9.410	172	2058363	86.965	ng	-0.01
79) Terphenyl-d14	13.180	244	2415175	95.935	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.081	88	158264	34.596	ng	97
3) Pyridine	3.810	79	403426	36.438	ng	96
4) n-Nitrosodimethylamine	3.781	42	189863	38.082	ng	91
6) Aniline	6.710	93	423462m	33.157	ng	
8) 2-Chlorophenol	6.834	128	481321	43.476	ng	99
9) Benzaldehyde	6.604	77	167167	24.091	ng	97
10) Phenol	6.681	94	537533	40.712	ng	98
11) bis(2-Chloroethyl)ether	6.781	93	425791	41.186	ng	99
12) 1,3-Dichlorobenzene	6.993	146	513107	41.100	ng	97
13) 1,4-Dichlorobenzene	7.069	146	516855	41.260	ng	97
14) 1,2-Dichlorobenzene	7.222	146	509161	43.154	ng	99
15) Benzyl Alcohol	7.187	79	383854	43.077	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.310	45	589164	40.544	ng	98
17) 2-Methylphenol	7.287	107	393403	44.039	ng	98
18) Hexachloroethane	7.563	117	186565	44.055	ng	98
19) n-Nitroso-di-n-propyla...	7.457	70	323268	41.980	ng	95
20) 3+4-Methylphenols	7.440	107	511019	43.480	ng	94
22) Acetophenone	7.457	105	673289	43.407	ng	98
24) Nitrobenzene	7.634	77	499005	40.786	ng	95
25) Isophorone	7.869	82	892263	41.688	ng	97
26) 2-Nitrophenol	7.945	139	268572	48.475	ng	93
27) 2,4-Dimethylphenol	7.975	122	365430	45.815	ng	99
28) bis(2-Chloroethoxy)met...	8.075	93	539892	41.662	ng	99
29) 2,4-Dichlorophenol	8.187	162	427790	44.372	ng	98
30) 1,2,4-Trichlorobenzene	8.269	180	453964	43.194	ng	99
31) Naphthalene	8.357	128	1455752	42.474	ng	100
32) Benzoic acid	8.087	122	288628	41.945	ng	95
33) 4-Chloroaniline	8.398	127	199728	15.715	ng	98
34) Hexachlorobutadiene	8.469	225	271032	42.003	ng	99
35) Caprolactam	8.769	113	136307m	44.623	ng	
36) 4-Chloro-3-methylphenol	8.875	107	442126	43.976	ng	95
37) 2-Methylnaphthalene	9.051	142	952386	42.928	ng	100
38) 1-Methylnaphthalene	9.151	142	886444	40.613	ng	100
40) 1,2,4,5-Tetrachloroben...	9.216	216	445853	43.839	ng	99
41) Hexachlorocyclopentadiene	9.198	237	519819	125.836	ng	99
43) 2,4,6-Trichlorophenol	9.322	196	305760	44.166	ng	99

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44) 2,4,5-Trichlorophenol	9.363	196	332974	43.558	ng	97	05/13/2024
46) 1,1'-Biphenyl	9.516	154	1167684	44.310	ng	99	Supervised By :mohammad ahmed
47) 2-Chloronaphthalene	9.539	162	894270	42.032	ng	98	
48) 2-Nitroaniline	9.634	65	259014	44.888	ng	97	
49) Acenaphthylene	9.963	152	1450715	47.136	ng	100	
50) Dimethylphthalate	9.810	163	1083803	44.709	ng	100	
51) 2,6-Dinitrotoluene	9.875	165	245740	44.358	ng	94	05/13/2024
52) Acenaphthene	10.134	154	960160	47.066	ng	100	
53) 3-Nitroaniline	10.045	138	171049	29.484	ng	94	
54) 2,4-Dinitrophenol	10.151	184	259796	95.441	ng	91	
55) Dibenzofuran	10.304	168	1308675	44.082	ng	99	
56) 4-Nitrophenol	10.198	139	407107	84.669	ng	94	
57) 2,4-Dinitrotoluene	10.281	165	335867	46.407	ng	98	
58) Fluorene	10.651	166	1018074	43.090	ng	100	
59) 2,3,4,6-Tetrachlorophenol	10.416	232	278277	44.839	ng	99	
60) Diethylphthalate	10.510	149	1009297	43.839	ng	99	
61) 4-Chlorophenyl-phenyle...	10.639	204	499883	42.939	ng	99	
62) 4-Nitroaniline	10.669	138	248659	42.257	ng	97	
63) Azobenzene	10.798	77	947998	42.603	ng	97	
65) 4,6-Dinitro-2-methylph...	10.692	198	184470	47.736	ng	79	
66) n-Nitrosodiphenylamine	10.757	169	906502	44.979	ng	99	
67) 4-Bromophenyl-phenylether	11.133	248	316423	43.914	ng	96	
68) Hexachlorobenzene	11.198	284	348013	44.196	ng	96	
69) Atrazine	11.281	200	305270	49.677	ng	98	
70) Pentachlorophenol	11.392	266	440892	81.555	ng	100	
71) Phenanthrene	11.622	178	1448054	44.125	ng	100	
72) Anthracene	11.675	178	1497717	45.869	ng	99	
73) Carbazole	11.822	167	1363234	43.320	ng	99	
74) Di-n-butylphthalate	12.139	149	1550400	45.165	ng	100	
75) Fluoranthene	12.816	202	1528265	42.603	ng	98	
77) Benzidine	12.927	184	403721	41.375	ng	99	
78) Pyrene	13.045	202	1566891	46.841	ng	100	
80) Butylbenzylphthalate	13.651	149	564117	53.150	ng	96	
81) Benzo(a)anthracene	14.233	228	1231248	45.628	ng	100	
82) 3,3'-Dichlorobenzidine	14.192	252	260322	32.225	ng	# 98	
83) Chrysene	14.274	228	1149105	45.480	ng	98	
84) Bis(2-ethylhexyl)phtha...	14.204	149	721224	53.919	ng	99	
85) Di-n-octyl phthalate	14.833	149	979504	54.412	ng	98	
87) Indeno(1,2,3-cd)pyrene	17.451	276	1011018	50.196	ng	99	
88) Benzo(b)fluoranthene	15.339	252	963078	43.693	ng	99	
89) Benzo(k)fluoranthene	15.374	252	894237	41.975	ng	98	
90) Benzo(a)pyrene	15.745	252	862794	47.980	ng	99	
91) Dibenzo(a,h)anthracene	17.468	278	822627	50.177	ng	100	
92) Benzo(g,h,i)perylene	17.951	276	781501	45.472	ng	98	

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

