

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
 Data File : BF134213.D
 Acq On : 11 Jul 2023 14:33
 Operator : CG\JU
 Sample : PB153792BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Jul 12 01:04:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	103679	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	394125	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	198697	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	394675	20.000	ng	0.00
76) Chrysene-d12	14.039	240	240493	20.000	ng	0.00
86) Perylene-d12	15.545	264	226976	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	835819	134.852	ng	0.01
7) Phenol-d6	6.487	99	983496	129.027	ng	0.00
23) Nitrobenzene-d5	7.410	82	577984	79.052	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	297588	119.453	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1080794	79.083	ng	0.00
79) Terphenyl-d14	12.974	244	1339433	89.637	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.704	88	120693	47.226	ng	98
3) Pyridine	3.487	79	244076	36.666	ng	94
4) n-Nitrosodimethylamine	3.440	42	183166	48.177	ng	96
6) Aniline	6.510	93	244915	26.405	ng	92
8) 2-Chlorophenol	6.634	128	329861	52.427	ng	95
9) Benzaldehyde	6.398	77	123185	26.945	ng	99
10) Phenol	6.498	94	395086	49.297	ng	97
11) bis(2-Chloroethyl)ether	6.581	93	312939	53.037	ng	99
12) 1,3-Dichlorobenzene	6.787	146	299898	44.709	ng	98
13) 1,4-Dichlorobenzene	6.863	146	304995	45.017	ng	99
14) 1,2-Dichlorobenzene	7.010	146	289098	45.562	ng	99
15) Benzyl Alcohol	6.992	79	246258	41.908	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.122	45	426055	40.816	ng	96
17) 2-Methylphenol	7.104	107	235609	41.818	ng	98
18) Hexachloroethane	7.351	117	116699	46.454	ng	97
19) n-Nitroso-di-n-propyla...	7.263	70	196879	40.729	ng	98
20) 3+4-Methylphenols	7.257	107	281621	41.202	ng	98
22) Acetophenone	7.257	105	399048	44.520	ng	# 98
24) Nitrobenzene	7.428	77	307471	41.615	ng	95
25) Isophorone	7.663	82	538531	40.528	ng	98
26) 2-Nitrophenol	7.745	139	153782	43.388	ng	98
27) 2,4-Dimethylphenol	7.781	122	241256	43.002	ng	95
28) bis(2-Chloroethoxy)met...	7.875	93	312243	40.582	ng	100
29) 2,4-Dichlorophenol	7.986	162	232462	41.784	ng	96
30) 1,2,4-Trichlorobenzene	8.069	180	249117	43.396	ng	99
31) Naphthalene	8.145	128	794258	41.721	ng	99
32) Benzoic acid	7.910	122	175839	41.826	ng	98
33) 4-Chloroaniline	8.198	127	101866	12.509	ng	97
34) Hexachlorobutadiene	8.257	225	159896	44.156	ng	97
35) Caprolactam	8.575	113	79174m	43.222	ng	
36) 4-Chloro-3-methylphenol	8.686	107	265630	42.502	ng	96
37) 2-Methylnaphthalene	8.839	142	528684	39.271	ng	99
38) 1-Methylnaphthalene	8.939	142	494062	39.477	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	263674	44.791	ng	98
41) Hexachlorocyclopentadiene	8.992	237	233202	83.502	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	166095	41.448	ng	99

07/12/2023
 Supervised By :mohammad
 Ahmed

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.169	196	178587	37.886	ng	98	07/12/2023
46) 1,1'-Biphenyl	9.304	154	673225	42.238	ng	99	Supervised By :mohammad ahmed
47) 2-Chloronaphthalene	9.333	162	502075	43.053	ng	99	
48) 2-Nitroaniline	9.433	65	177463	41.755	ng	93	
49) Acenaphthylene	9.745	152	808125	40.566	ng	99	
50) Dimethylphthalate	9.610	163	577359	40.029	ng	99	
51) 2,6-Dinitrotoluene	9.675	165	131627	42.371	ng	94	07/12/2023
52) Acenaphthene	9.922	154	474658	41.062	ng	99	
53) 3-Nitroaniline	9.845	138	103802	27.852	ng	98	
54) 2,4-Dinitrophenol	9.957	184	141358	78.850	ng	93	
55) Dibenzofuran	10.092	168	733038	40.576	ng	99	
56) 4-Nitrophenol	10.016	139	193503	74.227	ng	96	
57) 2,4-Dinitrotoluene	10.086	165	176893	43.117	ng	95	
58) Fluorene	10.439	166	579238	41.213	ng	100	
59) 2,3,4,6-Tetrachlorophenol	10.216	232	164129	44.142	ng	95	
60) Diethylphthalate	10.310	149	603939	40.190	ng	98	
61) 4-Chlorophenyl-phenyle...	10.428	204	272609	40.248	ng	98	
62) 4-Nitroaniline	10.463	138	141918	37.785	ng	97	
63) Azobenzene	10.592	77	563078	39.613	ng	98	
65) 4,6-Dinitro-2-methylph...	10.492	198	100442	46.679	ng	86	
66) n-Nitrosodiphenylamine	10.551	169	508349	40.313	ng	99	
67) 4-Bromophenyl-phenylether	10.922	248	172012	41.005	ng	97	
68) Hexachlorobenzene	10.986	284	200842	45.092	ng	96	
69) Atrazine	11.080	200	139503	39.995	ng	100	
70) Pentachlorophenol	11.186	266	188329	70.717	ng	99	
71) Phenanthrene	11.404	178	825574	41.552	ng	99	
72) Anthracene	11.457	178	857880	41.512	ng	99	
73) Carbazole	11.616	167	811499	42.902	ng	99	
74) Di-n-butylphthalate	11.945	149	938081	41.704	ng	100	
75) Fluoranthene	12.598	202	914207	42.561	ng	99	
77) Benzidine	12.727	184	150936	26.376	ng	99	
78) Pyrene	12.833	202	943886	42.173	ng	99	
80) Butylbenzylphthalate	13.451	149	371434	44.250	ng	99	
81) Benzo(a)anthracene	14.033	228	715624	42.907	ng	99	
82) 3,3'-Dichlorobenzidine	13.992	252	177797	33.647	ng	# 98	
83) Chrysene	14.068	228	656194	40.620	ng	99	
84) Bis(2-ethylhexyl)phtha...	14.015	149	427019	44.273	ng	99	
85) Di-n-octyl phthalate	14.633	149	612814	43.240	ng	99	
87) Indeno(1,2,3-cd)pyrene	17.098	276	780693	49.568	ng	100	
88) Benzo(b)fluoranthene	15.098	252	617905	46.298	ng	98	
89) Benzo(k)fluoranthene	15.133	252	588220	43.288	ng	99	
90) Benzo(a)pyrene	15.480	252	553785	42.910	ng	99	
91) Dibenzo(a,h)anthracene	17.109	278	643713	50.039	ng	99	
92) Benzo(g,h,i)perylene	17.568	276	653023	49.225	ng	100	

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

