

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
 Data File : BF136612.D
 Acq On : 18 Dec 2023 13:53
 Operator : CG\JU
 Sample : PB157801BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157801BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Dec 18 14:49:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	138835	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	601855	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	312192	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	578458	20.000	ng	0.00
76) Chrysene-d12	13.974	240	293668	20.000	ng	# 0.00
86) Perylene-d12	15.456	264	256770	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1067787	113.583	ng	0.02
7) Phenol-d6	6.445	99	1299006	110.751	ng	0.01
23) Nitrobenzene-d5	7.357	82	786771	70.670	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	430954	111.955	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1623585	70.962	ng	0.00
79) Terphenyl-d14	12.915	244	1806560	81.082	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	106502	28.642	ng	96
3) Pyridine	3.404	79	262800	29.185	ng	93
4) n-Nitrosodimethylamine	3.363	42	147876	37.799	ng	96
6) Aniline	6.457	93	306194	25.831	ng	# 1
8) 2-Chlorophenol	6.581	128	426596	41.567	ng	99
9) Benzaldehyde	6.345	77	117754	17.094	ng	89
10) Phenol	6.457	94	472042	37.821	ng	87
11) bis(2-Chloroethyl)ether	6.534	93	382438	41.109	ng	96
12) 1,3-Dichlorobenzene	6.734	146	431196	37.360	ng	97
13) 1,4-Dichlorobenzene	6.810	146	442878	37.827	ng	99
14) 1,2-Dichlorobenzene	6.957	146	425385	38.637	ng	98
15) Benzyl Alcohol	6.939	79	331167	42.165	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	439858	36.762	ng	88
17) 2-Methylphenol	7.057	107	338064	40.773	ng	93
18) Hexachloroethane	7.298	117	158414	38.754	ng	95
19) n-Nitroso-di-n-propyla...	7.210	70	269285	39.800	ng	97
20) 3+4-Methylphenols	7.210	107	411259	39.961	ng	# 77
22) Acetophenone	7.204	105	573708	38.602	ng	98
24) Nitrobenzene	7.375	77	401360	35.837	ng	98
25) Isophorone	7.616	82	759686	37.981	ng	96
26) 2-Nitrophenol	7.686	139	229641	41.708	ng	98
27) 2,4-Dimethylphenol	7.733	122	345216	50.849	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	476561	38.774	ng	99
29) 2,4-Dichlorophenol	7.933	162	357305	39.872	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	393224	37.632	ng	97
31) Naphthalene	8.092	128	1226775	36.962	ng	99
32) Benzoic acid	7.886	122	258416	38.370	ng	97
33) 4-Chloroaniline	8.145	127	269738	22.796	ng	97
34) Hexachlorobutadiene	8.204	225	227059	36.665	ng	100
35) Caprolactam	8.533	113	112406m	40.732	ng	
36) 4-Chloro-3-methylphenol	8.639	107	373049	39.207	ng	98
37) 2-Methylnaphthalene	8.786	142	793668	37.588	ng	92
38) 1-Methylnaphthalene	8.886	142	747103	36.058	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	386982	39.843	ng	99
41) Hexachlorocyclopentadiene	8.933	237	325681	90.509	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	256671	40.585	ng	99

12/19/2023
 Supervised By :mohammad
 Ahmed

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.122	196	275438	39.022	ng	#	93
46) 1,1'-Biphenyl	9.251	154	1005807	37.863	ng		98
47) 2-Chloronaphthalene	9.275	162	776133	37.539	ng		97
48) 2-Nitroaniline	9.375	65	217199	39.168	ng		96
49) Acenaphthylene	9.692	152	1156780	39.275	ng		99
50) Dimethylphthalate	9.557	163	934751	40.669	ng		99
51) 2,6-Dinitrotoluene	9.622	165	204720	39.591	ng		100
52) Acenaphthene	9.863	154	723198	38.318	ng		96
53) 3-Nitroaniline	9.792	138	170338	32.259	ng		100
54) 2,4-Dinitrophenol	9.904	184	225009	86.065	ng		93
55) Dibenzofuran	10.039	168	1048112	38.013	ng		99
56) 4-Nitrophenol	9.974	139	306481	77.425	ng		88
57) 2,4-Dinitrotoluene	10.027	165	262550	38.382	ng		91
58) Fluorene	10.380	166	852029	38.496	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	230459	40.761	ng		99
60) Diethylphthalate	10.263	149	887019	39.246	ng		99
61) 4-Chlorophenyl-phenyle...	10.374	204	421510	39.066	ng		94
62) 4-Nitroaniline	10.416	138	193864	36.975	ng		97
63) Azobenzene	10.533	77	780881	37.958	ng		97
65) 4,6-Dinitro-2-methylph...	10.445	198	154715	43.187	ng		80
66) n-Nitrosodiphenylamine	10.498	169	757646	40.818	ng		99
67) 4-Bromophenyl-phenylether	10.863	248	271347	40.346	ng	#	92
68) Hexachlorobenzene	10.927	284	306454	39.425	ng		98
69) Atrazine	11.027	200	211884	39.995	ng		98
70) Pentachlorophenol	11.127	266	273907	62.436	ng		98
71) Phenanthrene	11.351	178	1247970	39.251	ng		99
72) Anthracene	11.398	178	1270290	39.667	ng		99
73) Carbazole	11.557	167	1078699	38.058	ng		99
74) Di-n-butylphthalate	11.886	149	1414752	40.716	ng		99
75) Fluoranthene	12.539	202	1244896	37.363	ng		98
77) Benzidine	12.663	184	73327	16.877	ng		99
78) Pyrene	12.768	202	1197571	41.639	ng		98
80) Butylbenzylphthalate	13.392	149	466035	45.519	ng		94
81) Benzo(a)anthracene	13.962	228	828855	40.519	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	246869	43.043	ng		99
83) Chrysene	14.004	228	797427	39.622	ng		99
84) Bis(2-ethylhexyl)phtha...	13.957	149	585895	46.680	ng		97
85) Di-n-octyl phthalate	14.574	149	887268	47.859	ng		98
87) Indeno(1,2,3-cd)pyrene	16.980	276	920038	51.576	ng		99
88) Benzo(b)fluoranthene	15.021	252	791778	45.100	ng		98
89) Benzo(k)fluoranthene	15.051	252	667073	40.319	ng		98
90) Benzo(a)pyrene	15.398	252	656312	45.267	ng		98
91) Dibenzo(a,h)anthracene	16.992	278	769144	52.631	ng		99
92) Benzo(g,h,i)perylene	17.439	276	765900	51.061	ng		100

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

