

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111824\
 Data File : BF140452.D
 Acq On : 18 Nov 2024 14:19
 Operator : RC/JU
 Sample : PB164969BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164969BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/19/2024
 Supervised By :mohammad ahmed 11/19/2024

Quant Time: Nov 18 14:43:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	140355	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	542961	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	303542	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	562649	20.000	ng	0.00
76) Chrysene-d12	14.057	240	328358	20.000	ng	0.00
86) Perylene-d12	15.563	264	268372	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	999853	121.630	ng	0.02
7) Phenol-d6	6.516	99	1309306	117.559	ng	0.01
23) Nitrobenzene-d5	7.440	82	861125	82.634	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	379070	125.583	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1581098	83.734	ng	0.00
79) Terphenyl-d14	12.986	244	1759527	93.014	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	139495	38.073	ng	98
3) Pyridine	3.487	79	360482	40.021	ng	99
4) n-Nitrosodimethylamine	3.440	42	190951	41.946	ng	97
6) Aniline	6.540	93	363568	37.525	ng	# 62
8) 2-Chlorophenol	6.663	128	404610	45.820	ng	98
9) Benzaldehyde	6.428	77	272367	40.804	ng	97
10) Phenol	6.528	94	505784	43.063	ng	83
11) bis(2-Chloroethyl)ether	6.610	93	390967	43.932	ng	99
12) 1,3-Dichlorobenzene	6.816	146	412463	42.335	ng	100
13) 1,4-Dichlorobenzene	6.893	146	424656	42.985	ng	100
14) 1,2-Dichlorobenzene	7.045	146	398966	43.502	ng	100
15) Benzyl Alcohol	7.016	79	364043	45.368	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	528778	43.016	ng	76
17) 2-Methylphenol	7.134	107	322080	44.338	ng	# 94
18) Hexachloroethane	7.387	117	157629	43.160	ng	100
19) n-Nitroso-di-n-propyla...	7.281	70	286509	42.594	ng	99
20) 3+4-Methylphenols	7.287	107	401362	44.181	ng	97
22) Acetophenone	7.281	105	530788	42.032	ng	99
24) Nitrobenzene	7.457	77	443530	40.878	ng	99
25) Isophorone	7.692	82	793111	42.943	ng	99
26) 2-Nitrophenol	7.769	139	215542	44.767	ng	98
27) 2,4-Dimethylphenol	7.810	122	329751m	53.495	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	489301	43.206	ng	99
29) 2,4-Dichlorophenol	8.016	162	340155	44.651	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	350892	41.372	ng	99
31) Naphthalene	8.175	128	1165846	42.328	ng	100
32) Benzoic acid	7.940	122	230552	42.506	ng	99
33) 4-Chloroaniline	8.228	127	176404	18.416	ng	98
34) Hexachlorobutadiene	8.292	225	225130	41.660	ng	99
35) Caprolactam	8.592	113	107480m	42.449	ng	
36) 4-Chloro-3-methylphenol	8.716	107	371810	44.041	ng	99
37) 2-Methylnaphthalene	8.869	142	765271	43.330	ng	100
38) 1-Methylnaphthalene	8.969	142	716759	41.444	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	364394	43.412	ng	99
41) Hexachlorocyclopentadiene	9.016	237	366320	169.973	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	236726	42.974	ng	99

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44) 2,4,5-Trichlorophenol	9.198	196	259469	43.082	ng	97
46) 1,1'-Biphenyl	9.334	154	954253	43.213	ng	100
47) 2-Chloronaphthalene	9.357	162	710122	42.215	ng	99
48) 2-Nitroaniline	9.457	65	237028	42.488	ng	98
49) Acenaphthylene	9.775	152	1185818	46.592	ng	100
50) Dimethylphthalate	9.634	163	874992	44.225	ng	100
51) 2,6-Dinitrotoluene	9.698	165	190545	42.244	ng	99
52) Acenaphthene	9.945	154	714910	41.588	ng	99
53) 3-Nitroaniline	9.869	138	123949	26.167	ng	99
54) 2,4-Dinitrophenol	9.981	184	206528	88.791	ng	98
55) Dibenzofuran	10.122	168	1059505	43.538	ng	100
56) 4-Nitrophenol	10.045	139	281641	81.513	ng	98
57) 2,4-Dinitrotoluene	10.104	165	260002	43.799	ng	97
58) Fluorene	10.463	166	826194	42.977	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	224479	47.205	ng	98
60) Diethylphthalate	10.333	149	877272	43.362	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	410675	43.271	ng	98
62) 4-Nitroaniline	10.486	138	199969	41.287	ng	98
63) Azobenzene	10.616	77	861268	43.086	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	144142	47.616	ng	97
66) n-Nitrosodiphenylamine	10.575	169	728262	44.797	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	251423	44.703	ng	99
68) Hexachlorobenzene	11.016	284	273875	43.279	ng	97
69) Atrazine	11.098	200	240154	48.827	ng	99
70) Pentachlorophenol	11.210	266	279391	81.963	ng	99
71) Phenanthrene	11.428	178	1172050	44.344	ng	99
72) Anthracene	11.480	178	1199257	46.297	ng	99
73) Carbazole	11.633	167	1102601	43.108	ng	100
74) Di-n-butylphthalate	11.957	149	1353096	44.077	ng	100
75) Fluoranthene	12.616	202	1265420	42.674	ng	99
77) Benzidine	12.739	184	350281	27.794	ng	99
78) Pyrene	12.851	202	1289241	45.902	ng	100
80) Butylbenzylphthalate	13.463	149	529440	49.070	ng	97
81) Benzo(a)anthracene	14.045	228	1010007	46.802	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	190474	27.769	ng	99
83) Chrysene	14.086	228	855844	43.465	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	707539	49.129	ng	98
85) Di-n-octyl phthalate	14.663	149	988217	48.721	ng	98
87) Indeno(1,2,3-cd)pyrene	17.080	276	831881	50.180	ng	100
88) Benzo(b)fluoranthene	15.127	252	689717	39.288	ng	99
89) Benzo(k)fluoranthene	15.157	252	702450	48.980	ng	99
90) Benzo(a)pyrene	15.504	252	651772	47.808	ng	100
91) Dibenzo(a,h)anthracene	17.092	278	681797	49.754	ng	100
92) Benzo(g,h,i)perylene	17.533	276	639656	45.659	ng	99

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

