

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100724\
 Data File : BF139686.D
 Acq On : 07 Oct 2024 15:04
 Operator : RC/JU
 Sample : PB163902BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163902BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/09/2024
 Supervised By :mohammad ahmed 10/09/2024

Quant Time: Oct 07 15:26:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	92952	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	358469	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	207408	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	406759	20.000	ng	0.00
76) Chrysene-d12	14.039	240	246141	20.000	ng	0.00
86) Perylene-d12	15.504	264	185329	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	545941	101.800	ng	0.01
7) Phenol-d6	6.504	99	732016	101.501	ng	0.00
23) Nitrobenzene-d5	7.434	82	680225	96.075	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	204454	102.115	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1258779	93.172	ng	0.00
79) Terphenyl-d14	12.980	244	1500451	100.023	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.746	88	105362	45.442	ng	99
3) Pyridine	3.481	79	276383	49.013	ng	100
4) n-Nitrosodimethylamine	3.451	42	188596	51.095	ng	95
6) Aniline	6.534	93	348386	54.438	ng	99
8) 2-Chlorophenol	6.657	128	314122	54.671	ng	98
9) Benzaldehyde	6.416	77	100802	26.386	ng	99
10) Phenol	6.522	94	415800	54.831	ng	89
11) bis(2-Chloroethyl)ether	6.604	93	307641	49.825	ng	99
12) 1,3-Dichlorobenzene	6.810	146	315769	48.853	ng	99
13) 1,4-Dichlorobenzene	6.887	146	320983	49.031	ng	100
14) 1,2-Dichlorobenzene	7.040	146	305622	49.812	ng	99
15) Benzyl Alcohol	7.016	79	294837	53.506	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.139	45	543958	50.889	ng	79
17) 2-Methylphenol	7.128	107	256718	53.520	ng	97
18) Hexachloroethane	7.381	117	118734	48.626	ng	99
19) n-Nitroso-di-n-propyla...	7.287	70	237696	51.265	ng	99
20) 3+4-Methylphenols	7.281	107	320701	53.230	ng	95
22) Acetophenone	7.281	105	429887	50.522	ng	99
24) Nitrobenzene	7.457	77	358032	48.835	ng	99
25) Isophorone	7.692	82	643869	51.202	ng	99
26) 2-Nitrophenol	7.769	139	170303	54.034	ng	99
27) 2,4-Dimethylphenol	7.804	122	248809	64.485	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	381519	50.807	ng	99
29) 2,4-Dichlorophenol	8.016	162	267605	53.173	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	272451	47.870	ng	99
31) Naphthalene	8.175	128	914244	49.882	ng	100
32) Benzoic acid	7.945	122	204934	53.415	ng	98
33) 4-Chloroaniline	8.222	127	93734	15.109	ng	98
34) Hexachlorobutadiene	8.286	225	176798	48.001	ng	99
35) Caprolactam	8.604	113	92357m	55.951	ng	
36) 4-Chloro-3-methylphenol	8.716	107	307248	53.931	ng	100
37) 2-Methylnaphthalene	8.863	142	605140	50.695	ng	99
38) 1-Methylnaphthalene	8.963	142	562258	48.188	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	282919	49.123	ng	99
41) Hexachlorocyclopentadiene	9.016	237	327568	185.487	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	202014	52.031	ng	99

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44) 2,4,5-Trichlorophenol	9.192	196	214817	51.305	ng	98
46) 1,1'-Biphenyl	9.328	154	763977	49.524	ng	100
47) 2-Chloronaphthalene	9.357	162	570627	49.342	ng	98
48) 2-Nitroaniline	9.451	65	223156	53.754	ng	99
49) Acenaphthylene	9.769	152	955228	54.313	ng	99
50) Dimethylphthalate	9.633	163	717460	52.843	ng	100
51) 2,6-Dinitrotoluene	9.698	165	157120	51.229	ng	95
52) Acenaphthene	9.939	154	692885m	57.388	ng	
53) 3-Nitroaniline	9.863	138	111977	35.727	ng	99
54) 2,4-Dinitrophenol	9.975	184	195925	118.769	ng	97
55) Dibenzofuran	10.116	168	874443	51.727	ng	99
56) 4-Nitrophenol	10.039	139	258464	108.139	ng	95
57) 2,4-Dinitrotoluene	10.104	165	214433	53.489	ng	96
58) Fluorene	10.457	166	690561	51.288	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	192307	56.865	ng	98
60) Diethylphthalate	10.333	149	737307	52.576	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	338784	50.294	ng	98
62) 4-Nitroaniline	10.486	138	174429	54.408	ng	99
63) Azobenzene	10.610	77	744941	52.821	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	127472	55.488	ng	98
66) n-Nitrosodiphenylamine	10.569	169	626491	52.252	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	207859	49.840	ng	100
68) Hexachlorobenzene	11.004	284	232007	50.133	ng	99
69) Atrazine	11.098	200	203240	63.179	ng	98
70) Pentachlorophenol	11.204	266	271090	98.377	ng	99
71) Phenanthrene	11.422	178	1012567	52.796	ng	100
72) Anthracene	11.475	178	1034837	54.540	ng	100
73) Carbazole	11.627	167	962441	52.813	ng	100
74) Di-n-butylphthalate	11.951	149	1186689	53.550	ng	100
75) Fluoranthene	12.610	202	1107969	52.847	ng	100
77) Benzidine	12.727	184	353999	81.536	ng	100
78) Pyrene	12.839	202	1128984	51.283	ng	99
80) Butylbenzylphthalate	13.451	149	459034	58.294	ng	99
81) Benzo(a)anthracene	14.027	228	883005	54.564	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	187744	37.908	ng	98
83) Chrysene	14.063	228	783915	52.984	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	601512	61.174	ng	99
85) Di-n-octyl phthalate	14.621	149	844914	58.490	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	612314	56.134	ng	99
88) Benzo(b)fluoranthene	15.074	252	669831	55.898	ng	99
89) Benzo(k)fluoranthene	15.104	252	540095	53.134	ng	99
90) Benzo(a)pyrene	15.445	252	542709	57.438	ng	99
91) Dibenzo(a,h)anthracene	17.004	278	503626	55.666	ng	99
92) Benzo(g,h,i)perylene	17.433	276	468316	51.613	ng	98

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

