

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100724\
 Data File : BF139680.D
 Acq On : 07 Oct 2024 12:12
 Operator : RC/JU
 Sample : PB163905BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163905BSD

Manual Integrations
 APPROVED

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

Quant Time: Oct 07 13:13:16 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	90983	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	357329	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	208611	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	411350	20.000	ng	0.00
76) Chrysene-d12	14.039	240	250047	20.000	ng	0.00
86) Perylene-d12	15.504	264	186311	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	752651	143.382	ng	0.02
7) Phenol-d6	6.510	99	1008497	142.864	ng	0.00
23) Nitrobenzene-d5	7.434	82	661661	93.751	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	289582	143.799	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1225391	90.177	ng	0.00
79) Terphenyl-d14	12.980	244	1494314	98.058	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	95829	42.225	ng	99
3) Pyridine	3.481	79	253976	46.014	ng	99
4) n-Nitrosodimethylamine	3.440	42	179500	49.683	ng	95
6) Aniline	6.534	93	358570	57.242	ng	# 88
8) 2-Chlorophenol	6.657	128	295254	52.499	ng	98
9) Benzaldehyde	6.416	77	94961	25.395	ng	99
10) Phenol	6.522	94	388435	52.330	ng	87
11) bis(2-Chloroethyl)ether	6.604	93	296677	49.089	ng	99
12) 1,3-Dichlorobenzene	6.810	146	302793	47.859	ng	100
13) 1,4-Dichlorobenzene	6.887	146	305410	47.662	ng	100
14) 1,2-Dichlorobenzene	7.040	146	293296	48.838	ng	99
15) Benzyl Alcohol	7.016	79	277918	51.527	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	520389	49.738	ng	77
17) 2-Methylphenol	7.128	107	242807	51.715	ng	98
18) Hexachloroethane	7.381	117	114345	47.842	ng	100
19) n-Nitroso-di-n-propyla...	7.287	70	224987	49.574	ng	99
20) 3+4-Methylphenols	7.281	107	304355	51.610	ng	95
22) Acetophenone	7.281	105	410442	48.390	ng	99
24) Nitrobenzene	7.457	77	340782	46.630	ng	99
25) Isophorone	7.692	82	618699	49.357	ng	100
26) 2-Nitrophenol	7.769	139	160470	51.077	ng	100
27) 2,4-Dimethylphenol	7.810	122	233525	60.717	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	358266	47.863	ng	99
29) 2,4-Dichlorophenol	8.016	162	255411	50.912	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	257304	45.353	ng	99
31) Naphthalene	8.175	128	879879	48.160	ng	100
32) Benzoic acid	7.945	122	191741	50.136	ng	99
33) 4-Chloroaniline	8.222	127	149362	24.152	ng	99
34) Hexachlorobutadiene	8.287	225	165215	45.000	ng	100
35) Caprolactam	8.598	113	90447m	54.969	ng	
36) 4-Chloro-3-methylphenol	8.710	107	295035	51.953	ng	99
37) 2-Methylnaphthalene	8.863	142	577238	48.512	ng	100
38) 1-Methylnaphthalene	8.963	142	540584	46.478	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	269353	46.498	ng	99
41) Hexachlorocyclopentadiene	9.016	237	313990	176.773	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	190860	48.874	ng	98

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44) 2,4,5-Trichlorophenol	9.192	196	207204	49.201	ng	99
46) 1,1'-Biphenyl	9.328	154	730588	47.087	ng	100
47) 2-Chloronaphthalene	9.357	162	542346	46.626	ng	99
48) 2-Nitroaniline	9.451	65	218087	52.230	ng	98
49) Acenaphthylene	9.769	152	921603	52.099	ng	100
50) Dimethylphthalate	9.633	163	691686	50.651	ng	100
51) 2,6-Dinitrotoluene	9.698	165	151311	49.050	ng	95
52) Acenaphthene	9.945	154	670327m	55.199	ng	
53) 3-Nitroaniline	9.863	138	119892	38.032	ng	98
54) 2,4-Dinitrophenol	9.975	184	186896	112.642	ng	99
55) Dibenzofuran	10.116	168	833919	49.046	ng	100
56) 4-Nitrophenol	10.039	139	254341	105.800	ng	95
57) 2,4-Dinitrotoluene	10.104	165	203814	50.547	ng	95
58) Fluorene	10.457	166	672365	49.649	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	181462	53.349	ng	99
60) Diethylphthalate	10.333	149	710453	50.369	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	325619	48.061	ng	99
62) 4-Nitroaniline	10.486	138	169865	52.679	ng	99
63) Azobenzene	10.610	77	721131	50.838	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	123504	53.161	ng	98
66) n-Nitrosodiphenylamine	10.569	169	596114	49.164	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	199975	47.414	ng	99
68) Hexachlorobenzene	11.004	284	223722	47.803	ng	99
69) Atrazine	11.098	200	196775	60.487	ng	98
70) Pentachlorophenol	11.204	266	264415	94.884	ng	100
71) Phenanthrene	11.422	178	966712	49.842	ng	99
72) Anthracene	11.475	178	998621	52.044	ng	100
73) Carbazole	11.628	167	943818	51.213	ng	100
74) Di-n-butylphthalate	11.951	149	1134711	50.633	ng	100
75) Fluoranthene	12.610	202	1082267	51.045	ng	100
77) Benzidine	12.727	184	396181	89.826	ng	100
78) Pyrene	12.839	202	1115202	49.866	ng	99
80) Butylbenzylphthalate	13.451	149	442444	55.310	ng	99
81) Benzo(a)anthracene	14.027	228	856743	52.114	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	196345	39.025	ng	99
83) Chrysene	14.063	228	769477	51.196	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	578609	57.926	ng	99
85) Di-n-octyl phthalate	14.621	149	813211	55.416	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	585233	53.369	ng	99
88) Benzo(b)fluoranthene	15.074	252	633260	52.568	ng	100
89) Benzo(k)fluoranthene	15.104	252	516771	50.571	ng	100
90) Benzo(a)pyrene	15.445	252	520239	54.770	ng	100
91) Dibenzo(a,h)anthracene	16.998	278	476695	52.412	ng	98
92) Benzo(g,h,i)perylene	17.433	276	452315	49.587	ng	100

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

