

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
 Data File : BF139320.D
 Acq On : 11 Sep 2024 12:44
 Operator : RC/JU
 Sample : PB163274BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163274BSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024

Quant Time: Sep 11 13:10:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	118822	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	446813	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	248390	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	465679	20.000	ng	0.00
76) Chrysene-d12	14.069	240	255508	20.000	ng	0.02
86) Perylene-d12	15.580	264	218658	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	910111	128.132	ng	0.01
7) Phenol-d6	6.516	99	1208591	127.459	ng	0.00
23) Nitrobenzene-d5	7.446	82	796334	92.718	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	322691	150.447	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1487197	92.423	ng	-0.01
79) Terphenyl-d14	12.992	244	1545656	97.671	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.805	88	110845	33.511	ng	98
3) Pyridine	3.534	79	300520	37.639	ng	98
4) n-Nitrosodimethylamine	3.499	42	214693	41.407	ng	98
6) Aniline	6.546	93	373909	42.882	ng	90
8) 2-Chlorophenol	6.669	128	337288	45.819	ng	98
9) Benzaldehyde	6.434	77	84627	14.744	ng	99
10) Phenol	6.528	94	441753	44.167	ng	93
11) bis(2-Chloroethyl)ether	6.622	93	318935	44.510	ng	99
12) 1,3-Dichlorobenzene	6.828	146	349645	41.964	ng	100
13) 1,4-Dichlorobenzene	6.898	146	353604	42.400	ng	99
14) 1,2-Dichlorobenzene	7.051	146	339646	43.667	ng	99
15) Benzyl Alcohol	7.022	79	328434	47.495	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	606949	44.496	ng	97
17) 2-Methylphenol	7.134	107	275139	45.757	ng	97
18) Hexachloroethane	7.393	117	132413	44.455	ng	98
19) n-Nitroso-di-n-propyla...	7.298	70	258362	47.309	ng	97
20) 3+4-Methylphenols	7.287	107	346171	45.679	ng	95
22) Acetophenone	7.293	105	469117	44.071	ng	100
24) Nitrobenzene	7.463	77	388229	42.587	ng	98
25) Isophorone	7.704	82	689240	46.938	ng	100
26) 2-Nitrophenol	7.781	139	177333	49.528	ng	98
27) 2,4-Dimethylphenol	7.816	122	282827	55.387	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	398414	45.541	ng	99
29) 2,4-Dichlorophenol	8.022	162	287029	46.946	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	300415	43.022	ng	99
31) Naphthalene	8.187	128	995237	43.984	ng	100
32) Benzoic acid	7.934	122	204740	44.019	ng	99
33) 4-Chloroaniline	8.234	127	247359	31.572	ng	98
34) Hexachlorobutadiene	8.304	225	194727	44.009	ng	99
35) Caprolactam	8.604	113	88534m	46.775	ng	
36) 4-Chloro-3-methylphenol	8.716	107	313258	47.018	ng	99
37) 2-Methylnaphthalene	8.875	142	650791	45.971	ng	99
38) 1-Methylnaphthalene	8.975	142	609792	43.797	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	304156	43.280	ng	99
41) Hexachlorocyclopentadiene	9.028	237	387874	171.739	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	223508	48.609	ng	99

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44) 2,4,5-Trichlorophenol	9.198	196	216396	44.910	ng	98
46) 1,1'-Biphenyl	9.345	154	818603	44.481	ng	100
47) 2-Chloronaphthalene	9.369	162	608041	43.756	ng	100
48) 2-Nitroaniline	9.463	65	231285	48.322	ng	98
49) Acenaphthylene	9.787	152	1004840	48.011	ng	100
50) Dimethylphthalate	9.645	163	719690	47.804	ng	99
51) 2,6-Dinitrotoluene	9.704	165	156743	45.893	ng	98
52) Acenaphthene	9.957	154	719741	51.848	ng	99
53) 3-Nitroaniline	9.875	138	127443	35.022	ng	100
54) 2,4-Dinitrophenol	9.981	184	186124	101.754	ng	# 69
55) Dibenzofuran	10.128	168	911418	45.794	ng	98
56) 4-Nitrophenol	10.039	139	264406	98.445	ng	98
57) 2,4-Dinitrotoluene	10.110	165	215613	49.599	ng	98
58) Fluorene	10.469	166	710636	46.054	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	187399	49.408	ng	100
60) Diethylphthalate	10.345	149	728745	49.188	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	345127	46.379	ng	99
62) 4-Nitroaniline	10.492	138	168803	48.733	ng	100
63) Azobenzene	10.622	77	737524	47.231	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	116382	54.088	ng	97
66) n-Nitrosodiphenylamine	10.586	169	620299	45.761	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	208068	46.051	ng	99
68) Hexachlorobenzene	11.016	284	231965	44.847	ng	98
69) Atrazine	11.110	200	198774	63.559	ng	99
70) Pentachlorophenol	11.210	266	285399	95.522	ng	99
71) Phenanthrene	11.433	178	1004360	46.168	ng	100
72) Anthracene	11.486	178	1022540	48.117	ng	100
73) Carbazole	11.639	167	930428	46.844	ng	99
74) Di-n-butylphthalate	11.969	149	1092212	53.706	ng	100
75) Fluoranthene	12.622	202	1066790	48.913	ng	100
77) Benzidine	12.739	184	340792	66.241	ng	99
78) Pyrene	12.851	202	1093077	44.286	ng	100
80) Butylbenzylphthalate	13.469	149	380655	65.512	ng	99
81) Benzo(a)anthracene	14.057	228	771118	47.263	ng	100
82) 3,3'-Dichlorobenzidine	14.016	252	185164	42.735	ng	99
83) Chrysene	14.092	228	706450	46.393	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	442764	64.922	ng	99
85) Di-n-octyl phthalate	14.698	149	640948	49.088	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	667910	48.896	ng	97
88) Benzo(b)fluoranthene	15.145	252	662866	52.640	ng	99
89) Benzo(k)fluoranthene	15.174	252	518964	45.964	ng	100
90) Benzo(a)pyrene	15.516	252	561084	52.474	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	539131	47.893	ng	98
92) Benzo(g,h,i)perylene	17.521	276	505183	43.476	ng	98

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

