

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
 Data File : BF139622.D
 Acq On : 03 Oct 2024 10:52
 Operator : RC/JU
 Sample : PB163811BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163811BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/04/2024
 Supervised By :mohammad ahmed 10/05/2024

Quant Time: Oct 03 11:42:47 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	96222	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	375547	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	222937	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	435381	20.000	ng	0.00
76) Chrysene-d12	14.033	240	246712	20.000	ng	0.00
86) Perylene-d12	15.504	264	200731	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	775737	139.733	ng	0.02
7) Phenol-d6	6.504	99	1033654	138.455	ng	0.00
23) Nitrobenzene-d5	7.434	82	685298	92.390	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	302860	140.728	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1285824	88.544	ng	0.00
79) Terphenyl-d14	12.980	244	1514848	100.749	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.757	88	95948	39.976	ng	98
3) Pyridine	3.499	79	256208	43.891	ng	98
4) n-Nitrosodimethylamine	3.457	42	177629	46.488	ng	97
6) Aniline	6.534	93	330726	49.922	ng	100
8) 2-Chlorophenol	6.657	128	293078	49.275	ng	98
9) Benzaldehyde	6.422	77	108822	27.517	ng	99
10) Phenol	6.522	94	382950	48.783	ng	87
11) bis(2-Chloroethyl)ether	6.604	93	280316	43.856	ng	98
12) 1,3-Dichlorobenzene	6.810	146	295911	44.225	ng	99
13) 1,4-Dichlorobenzene	6.887	146	298129	43.993	ng	99
14) 1,2-Dichlorobenzene	7.040	146	288407	45.409	ng	99
15) Benzyl Alcohol	7.010	79	283318	49.668	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	513005	46.362	ng	89
17) 2-Methylphenol	7.128	107	237541	47.839	ng	97
18) Hexachloroethane	7.381	117	111389	44.067	ng	99
19) n-Nitroso-di-n-propyla...	7.287	70	223731	46.613	ng	98
20) 3+4-Methylphenols	7.281	107	303702	48.695	ng	96
22) Acetophenone	7.281	105	400856	44.968	ng	99
24) Nitrobenzene	7.451	77	336298	43.785	ng	99
25) Isophorone	7.692	82	612019	46.456	ng	99
26) 2-Nitrophenol	7.769	139	156234	47.316	ng	99
27) 2,4-Dimethylphenol	7.804	122	235296m	58.210	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	359165	45.655	ng	98
29) 2,4-Dichlorophenol	8.010	162	251522	47.705	ng	100
30) 1,2,4-Trichlorobenzene	8.092	180	257077	43.115	ng	99
31) Naphthalene	8.175	128	868099	45.210	ng	100
32) Benzoic acid	7.940	122	191471	47.637	ng	98
33) 4-Chloroaniline	8.222	127	165621	25.482	ng	99
34) Hexachlorobutadiene	8.287	225	162533	42.122	ng	100
35) Caprolactam	8.598	113	86500m	50.020	ng	
36) 4-Chloro-3-methylphenol	8.710	107	288911	48.406	ng	100
37) 2-Methylnaphthalene	8.863	142	576252	46.080	ng	100
38) 1-Methylnaphthalene	8.963	142	534496	43.725	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	264850	42.782	ng	98
41) Hexachlorocyclopentadiene	9.016	237	308462	162.501	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	194168	46.526	ng	98

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44) 2,4,5-Trichlorophenol	9.186	196	205263	45.608	ng	98
46) 1,1'-Biphenyl	9.328	154	730471	44.054	ng	100
47) 2-Chloronaphthalene	9.357	162	541267	43.543	ng	98
48) 2-Nitroaniline	9.451	65	213000	47.734	ng	99
49) Acenaphthylene	9.769	152	905179	47.883	ng	99
50) Dimethylphthalate	9.634	163	689912	47.275	ng	100
51) 2,6-Dinitrotoluene	9.692	165	151014	45.808	ng	99
52) Acenaphthene	9.939	154	660861m	50.923	ng	
53) 3-Nitroaniline	9.863	138	111361	33.056	ng	96
54) 2,4-Dinitrophenol	9.975	184	182032	102.661	ng	98
55) Dibenzofuran	10.116	168	827547	45.543	ng	99
56) 4-Nitrophenol	10.034	139	257969	100.413	ng	96
57) 2,4-Dinitrotoluene	10.098	165	207970	48.263	ng	99
58) Fluorene	10.457	166	658960	45.532	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	177991	48.966	ng	99
60) Diethylphthalate	10.333	149	708106	46.977	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	321522	44.407	ng	99
62) 4-Nitroaniline	10.481	138	161674	46.917	ng	98
63) Azobenzene	10.610	77	717386	47.324	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	119838	48.735	ng	97
66) n-Nitrosodiphenylamine	10.569	169	588868	45.885	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	198607	44.491	ng	99
68) Hexachlorobenzene	11.004	284	224401	45.302	ng	97
69) Atrazine	11.098	200	197798	57.445	ng	99
70) Pentachlorophenol	11.198	266	259744	88.063	ng	99
71) Phenanthrene	11.422	178	953514	46.448	ng	100
72) Anthracene	11.475	178	966226	47.576	ng	100
73) Carbazole	11.628	167	900592	46.171	ng	100
74) Di-n-butylphthalate	11.951	149	1133962	47.807	ng	100
75) Fluoranthene	12.610	202	1033844	46.070	ng	100
77) Benzidine	12.727	184	325922	74.895	ng	100
78) Pyrene	12.839	202	1053459	47.742	ng	99
80) Butylbenzylphthalate	13.451	149	412512	52.265	ng	100
81) Benzo(a)anthracene	14.021	228	790537	48.737	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	177324	35.721	ng	99
83) Chrysene	14.063	228	682122	45.998	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	542609	55.056	ng	99
85) Di-n-octyl phthalate	14.621	149	760344	52.514	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	601432	50.906	ng	100
88) Benzo(b)fluoranthene	15.074	252	578398	44.564	ng	100
89) Benzo(k)fluoranthene	15.104	252	571175	51.880	ng	100
90) Benzo(a)pyrene	15.439	252	526977	51.493	ng	100
91) Dibenzo(a,h)anthracene	16.998	278	496262	50.643	ng	99
92) Benzo(g,h,i)perylene	17.427	276	455577	46.357	ng	99

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

