

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
 Data File : BF139319.D
 Acq On : 11 Sep 2024 12:17
 Operator : RC/JU
 Sample : PB163274BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163274BS

Quant Time: Sep 11 12:43:36 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	119510	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	446391	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	248127	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	451359	20.000	ng	0.00
76) Chrysene-d12	14.074	240	232651	20.000	ng	0.02
86) Perylene-d12	15.598	264	207802	20.000	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	907057	126.967	ng	0.01
7) Phenol-d6	6.516	99	1199456	125.767	ng	0.00
23) Nitrobenzene-d5	7.445	82	787026	91.721	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	318752	148.768	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1487969	92.569	ng	-0.01
79) Terphenyl-d14	12.992	244	1435596	99.629	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.798	88	114108	34.299	ng	100
3) Pyridine	3.534	79	298083	37.118	ng	98
4) n-Nitrosodimethylamine	3.493	42	214672	41.165	ng	99
6) Aniline	6.545	93	369380	42.118	ng	# 89
8) 2-Chlorophenol	6.669	128	336380	45.433	ng	98
9) Benzaldehyde	6.434	77	82955	14.369	ng	99
10) Phenol	6.534	94	439485	43.688	ng	90
11) bis(2-Chloroethyl)ether	6.622	93	323031	44.822	ng	99
12) 1,3-Dichlorobenzene	6.828	146	347635	41.482	ng	99
13) 1,4-Dichlorobenzene	6.904	146	352943	42.077	ng	99
14) 1,2-Dichlorobenzene	7.051	146	338595	43.281	ng	99
15) Benzyl Alcohol	7.022	79	325090	46.741	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	610022	44.463	ng	96
17) 2-Methylphenol	7.133	107	272645	45.081	ng	97
18) Hexachloroethane	7.398	117	133472	44.553	ng	99
19) n-Nitroso-di-n-propyla...	7.298	70	255555	46.525	ng	98
20) 3+4-Methylphenols	7.286	107	342497	44.934	ng	96
22) Acetophenone	7.292	105	466099	43.828	ng	99
24) Nitrobenzene	7.469	77	381214	41.857	ng	99
25) Isophorone	7.704	82	681429	46.450	ng	99
26) 2-Nitrophenol	7.780	139	175863	49.164	ng	98
27) 2,4-Dimethylphenol	7.816	122	281410	55.162	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	398116	45.550	ng	99
29) 2,4-Dichlorophenol	8.022	162	284815	46.628	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	295784	42.399	ng	99
31) Naphthalene	8.186	128	987019	43.662	ng	99
32) Benzoic acid	7.933	122	203843	43.867	ng	98
33) 4-Chloroaniline	8.233	127	252438	32.251	ng	98
34) Hexachlorobutadiene	8.304	225	197879	44.763	ng	99
35) Caprolactam	8.604	113	86685m	45.841	ng	
36) 4-Chloro-3-methylphenol	8.716	107	310871	46.703	ng	98
37) 2-Methylnaphthalene	8.880	142	652137	46.109	ng	98
38) 1-Methylnaphthalene	8.975	142	605646	43.541	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	303948	43.296	ng	98
41) Hexachlorocyclopentadiene	9.027	237	388116	172.028	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	220276	47.957	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	216335	44.945	ng	99
46) 1,1'-Biphenyl	9.345	154	803424	43.703	ng	99
47) 2-Chloronaphthalene	9.369	162	604098	43.519	ng	100
48) 2-Nitroaniline	9.463	65	224931	47.044	ng	99
49) Acenaphthylene	9.786	152	992471	47.470	ng	99
50) Dimethylphthalate	9.645	163	712036	47.346	ng	99
51) 2,6-Dinitrotoluene	9.704	165	156247	45.797	ng	98
52) Acenaphthene	9.957	154	712578	51.386	ng	100
53) 3-Nitroaniline	9.874	138	120181	33.062	ng	98
54) 2,4-Dinitrophenol	9.980	184	177819	97.645	ng	# 69
55) Dibenzofuran	10.127	168	904721	45.506	ng	99
56) 4-Nitrophenol	10.033	139	254568	94.882	ng	97
57) 2,4-Dinitrotoluene	10.110	165	211708	48.753	ng	99
58) Fluorene	10.469	166	703750	45.656	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	190144	50.185	ng	98
60) Diethylphthalate	10.345	149	717538	48.483	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	340929	45.863	ng	99
62) 4-Nitroaniline	10.492	138	161668	46.723	ng	100
63) Azobenzene	10.621	77	718194	46.042	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	108888	52.211	ng	97
66) n-Nitrosodiphenylamine	10.586	169	608953	46.349	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	202138	46.158	ng	97
68) Hexachlorobenzene	11.016	284	230247	45.928	ng	99
69) Atrazine	11.110	200	191922	63.315	ng	100
70) Pentachlorophenol	11.210	266	271543	93.768	ng	98
71) Phenanthrene	11.433	178	980679	46.509	ng	99
72) Anthracene	11.486	178	1000351	48.566	ng	100
73) Carbazole	11.639	167	899982	46.749	ng	100
74) Di-n-butylphthalate	11.968	149	1046874	53.110	ng	99
75) Fluoranthene	12.621	202	1010235	47.790	ng	99
77) Benzidine	12.739	184	291368	62.198	ng	99
78) Pyrene	12.851	202	1026889	45.692	ng	100
80) Butylbenzylphthalate	13.474	149	338621	64.003	ng	99
81) Benzo(a)anthracene	14.062	228	684865	46.101	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	168632	42.743	ng	98
83) Chrysene	14.104	228	661556	47.713	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	384612	61.936	ng	100
85) Di-n-octyl phthalate	14.715	149	585901	49.281	ng	98
87) Indeno(1,2,3-cd)pyrene	17.098	276	642456	49.489	ng	98
88) Benzo(b)fluoranthene	15.168	252	582197	48.649	ng	99
89) Benzo(k)fluoranthene	15.198	252	546345	50.917	ng	99
90) Benzo(a)pyrene	15.539	252	534315	52.581	ng	99
91) Dibenzo(a,h)anthracene	17.115	278	521679	48.763	ng	99
92) Benzo(g,h,i)perylene	17.545	276	489985	44.371	ng	98

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

