

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140136.D
 Acq On : 30 Oct 2024 02:56
 Operator : RC/JU
 Sample : PB164500BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164500BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
 Supervised By :mohammad ahmed 11/04/2024

Quant Time: Oct 30 03:44:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	136623	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	537858	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	301173	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	487755	20.000	ng	0.00
76) Chrysene-d12	14.057	240	271029	20.000	ng	0.00
86) Perylene-d12	15.533	264	240894	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1029081	117.917	ng	0.02
7) Phenol-d6	6.516	99	1296553	114.708	ng	0.00
23) Nitrobenzene-d5	7.451	82	879457	90.624	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	327925	116.406	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1543263	84.687	ng	0.00
79) Terphenyl-d14	12.998	244	1403382	84.374	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	137302	33.743	ng	99
3) Pyridine	3.540	79	366687	36.356	ng	98
4) n-Nitrosodimethylamine	3.493	42	222286	41.021	ng	96
6) Aniline	6.551	93	354485	33.651	ng	99
8) 2-Chlorophenol	6.675	128	400242	44.861	ng	99
9) Benzaldehyde	6.439	77	75863	11.931	ng	99
10) Phenol	6.534	94	497354m	42.680	ng	
11) bis(2-Chloroethyl)ether	6.628	93	383979	42.632	ng	100
12) 1,3-Dichlorobenzene	6.833	146	424271	41.427	ng	99
13) 1,4-Dichlorobenzene	6.910	146	424558	41.493	ng	99
14) 1,2-Dichlorobenzene	7.057	146	412648	43.212	ng	99
15) Benzyl Alcohol	7.028	79	376323	45.388	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	670757	43.675	ng	98
17) 2-Methylphenol	7.139	107	336464	44.227	ng	97
18) Hexachloroethane	7.404	117	156528	42.899	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	298728	43.576	ng	98
20) 3+4-Methylphenols	7.292	107	407972	41.926	ng	# 79
22) Acetophenone	7.298	105	552225	41.918	ng	98
24) Nitrobenzene	7.475	77	452273	42.507	ng	100
25) Isophorone	7.710	82	819186	44.475	ng	100
26) 2-Nitrophenol	7.786	139	201989	50.322	ng	99
27) 2,4-Dimethylphenol	7.822	122	337919	50.488	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	487733	43.705	ng	99
29) 2,4-Dichlorophenol	8.028	162	333410	43.734	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	351000	41.609	ng	99
31) Naphthalene	8.192	128	1163976	41.961	ng	100
32) Benzoic acid	7.928	122	194228	33.272	ng	98
33) 4-Chloroaniline	8.233	127	139265	14.723	ng	100
34) Hexachlorobutadiene	8.310	225	230454	43.480	ng	99
35) Caprolactam	8.610	113	98272m	40.541	ng	
36) 4-Chloro-3-methylphenol	8.722	107	370737	43.918	ng	99
37) 2-Methylnaphthalene	8.886	142	729761	42.956	ng	100
38) 1-Methylnaphthalene	8.986	142	683835	41.027	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	352424	43.374	ng	99
41) Hexachlorocyclopentadiene	9.033	237	354841	125.511	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	246890	42.918	ng	99

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44) 2,4,5-Trichlorophenol	9.204	196	245889	41.430	ng	100
46) 1,1'-Biphenyl	9.351	154	891022	42.498	ng	99
47) 2-Chloronaphthalene	9.375	162	696883	41.269	ng	99
48) 2-Nitroaniline	9.469	65	252979	48.983	ng	96
49) Acenaphthylene	9.792	152	1097165	44.943	ng	100
50) Dimethylphthalate	9.651	163	856671	45.666	ng	100
51) 2,6-Dinitrotoluene	9.710	165	183274	45.121	ng	99
52) Acenaphthene	9.963	154	701125	44.396	ng	98
53) 3-Nitroaniline	9.874	138	114493	27.334	ng	100
54) 2,4-Dinitrophenol	9.980	184	109411	66.070	ng	# 1
55) Dibenzofuran	10.133	168	960055	42.371	ng	99
56) 4-Nitrophenol	10.033	139	246089	76.364	ng	95
57) 2,4-Dinitrotoluene	10.116	165	245230	49.096	ng	99
58) Fluorene	10.480	166	713243	41.329	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	189489	40.727	ng	99
60) Diethylphthalate	10.351	149	824747	44.777	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	375291	43.061	ng	99
62) 4-Nitroaniline	10.492	138	170413	43.076	ng	97
63) Azobenzene	10.627	77	820131	42.000	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	79418	39.918	ng	95
66) n-Nitrosodiphenylamine	10.586	169	671788	46.018	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	236888	47.144	ng	99
68) Hexachlorobenzene	11.027	284	252331	44.651	ng	97
69) Atrazine	11.116	200	220024	55.639	ng	99
70) Pentachlorophenol	11.216	266	239452	69.816	ng	99
71) Phenanthrene	11.439	178	995966	43.229	ng	100
72) Anthracene	11.492	178	1020074	45.378	ng	100
73) Carbazole	11.645	167	861313	41.199	ng	100
74) Di-n-butylphthalate	11.974	149	1176478	48.708	ng	100
75) Fluoranthene	12.627	202	940468	40.379	ng	99
77) Benzidine	12.745	184	195099	43.777	ng	98
78) Pyrene	12.857	202	940745	39.654	ng	100
80) Butylbenzylphthalate	13.474	149	395173	55.560	ng	99
81) Benzo(a)anthracene	14.045	228	789939	44.773	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	151550	29.461	ng	99
83) Chrysene	14.086	228	755739	46.718	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	506603	63.485	ng	100
85) Di-n-octyl phthalate	14.645	149	842778	58.065	ng	98
87) Indeno(1,2,3-cd)pyrene	17.039	276	578677	37.340	ng	98
88) Benzo(b)fluoranthene	15.104	252	694535	47.330	ng	99
89) Benzo(k)fluoranthene	15.133	252	661511	52.271	ng	99
90) Benzo(a)pyrene	15.474	252	590526	48.907	ng	99
91) Dibenzo(a,h)anthracene	17.056	278	481078	37.211	ng	98
92) Benzo(g,h,i)perylene	17.492	276	426288	33.011	ng	99

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

