

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139919.D
 Acq On : 22 Oct 2024 10:36
 Operator : RC/JU
 Sample : PB164152BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164152BS

Quant Time: Oct 22 11:16:18 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

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
 Supervised By :mohammad ahmed 10/24/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	162299	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	620667	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	346872	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	608883	20.000	ng	0.00
76) Chrysene-d12	14.057	240	289688	20.000	ng	0.00
86) Perylene-d12	15.533	264	337140	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1202568	115.996	ng	0.02
7) Phenol-d6	6.516	99	1528819	113.859	ng	0.00
23) Nitrobenzene-d5	7.451	82	977202	87.261	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	438174	135.050	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1732329	82.538	ng	0.00
79) Terphenyl-d14	12.998	244	1754305	98.679	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	155436	32.157	ng	95
3) Pyridine	3.499	79	420236	35.074	ng	98
4) n-Nitrosodimethylamine	3.446	42	249731	38.795	ng	99
6) Aniline	6.551	93	535442	42.787	ng	99
8) 2-Chlorophenol	6.675	128	465814	43.951	ng	98
9) Benzaldehyde	6.440	77	119091	15.766	ng	97
10) Phenol	6.528	94	584621m	42.232	ng	
11) bis(2-Chloroethyl)ether	6.628	93	446295	41.711	ng	99
12) 1,3-Dichlorobenzene	6.834	146	493989	40.603	ng	99
13) 1,4-Dichlorobenzene	6.910	146	494149	40.654	ng	99
14) 1,2-Dichlorobenzene	7.063	146	484836	42.739	ng	98
15) Benzyl Alcohol	7.028	79	430954	43.754	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	764680	41.914	ng	99
17) 2-Methylphenol	7.134	107	381702	42.236	ng	98
18) Hexachloroethane	7.404	117	178262	41.127	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	337984	41.503	ng	98
20) 3+4-Methylphenols	7.287	107	477574	41.315	ng	97
22) Acetophenone	7.298	105	631706	41.554	ng	100
24) Nitrobenzene	7.475	77	507200	41.309	ng	98
25) Isophorone	7.710	82	915731	43.083	ng	100
26) 2-Nitrophenol	7.787	139	233924	50.502	ng	97
27) 2,4-Dimethylphenol	7.822	122	386639	50.060	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	539456	41.891	ng	99
29) 2,4-Dichlorophenol	8.028	162	385236	43.790	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	404887	41.594	ng	99
31) Naphthalene	8.198	128	1339520	41.847	ng	100
32) Benzoic acid	7.928	122	284313	42.205	ng	98
33) 4-Chloroaniline	8.239	127	281950	25.831	ng	98
34) Hexachlorobutadiene	8.310	225	258253	42.224	ng	100
35) Caprolactam	8.604	113	121627m	43.481	ng	
36) 4-Chloro-3-methylphenol	8.716	107	416587	42.766	ng	97
37) 2-Methylnaphthalene	8.887	142	844451	43.075	ng	100
38) 1-Methylnaphthalene	8.986	142	784005	40.761	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	392703	41.964	ng	99
41) Hexachlorocyclopentadiene	9.039	237	543342	166.866	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	299146	45.151	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139919.D
 Acq On : 22 Oct 2024 10:36
 Operator : RC/JU
 Sample : PB164152BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164152BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
 Supervised By :mohammad ahmed 10/24/2024

Quant Time: Oct 22 11:16:18 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)
44) 2,4,5-Trichlorophenol	9.198	196	291782	42.686	ng	99
46) 1,1'-Biphenyl	9.351	154	1008385	41.760	ng	100
47) 2-Chloronaphthalene	9.375	162	802735	41.275	ng	99
48) 2-Nitroaniline	9.469	65	277241	46.609	ng	95
49) Acenaphthylene	9.792	152	1259069	44.780	ng	99
50) Dimethylphthalate	9.651	163	937743	43.402	ng	100
51) 2,6-Dinitrotoluene	9.710	165	207196	44.290	ng	97
52) Acenaphthene	9.963	154	869838	47.823	ng	99
53) 3-Nitroaniline	9.875	138	157380	32.623	ng	96
54) 2,4-Dinitrophenol	9.986	184	217546	109.321	ng	# 1
55) Dibenzofuran	10.139	168	1119174	42.886	ng	98
56) 4-Nitrophenol	10.034	139	354348	95.471	ng	98
57) 2,4-Dinitrotoluene	10.116	165	283323	49.249	ng	95
58) Fluorene	10.481	166	834937	42.006	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	246385	45.979	ng	97
60) Diethylphthalate	10.351	149	904498	42.637	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	424831	42.323	ng	99
62) 4-Nitroaniline	10.492	138	208188	45.692	ng	98
63) Azobenzene	10.633	77	937600	41.690	ng	97
65) 4,6-Dinitro-2-methylph...	10.522	198	150094	60.434	ng	92
66) n-Nitrosodiphenylamine	10.586	169	784694	43.059	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	275166	43.868	ng	95
68) Hexachlorobenzene	11.028	284	306517	43.449	ng	97
69) Atrazine	11.116	200	246087	49.850	ng	100
70) Pentachlorophenol	11.216	266	387844	90.586	ng	99
71) Phenanthrene	11.439	178	1252382	43.544	ng	100
72) Anthracene	11.492	178	1266966	45.149	ng	99
73) Carbazole	11.645	167	1109306	42.505	ng	99
74) Di-n-butylphthalate	11.975	149	1290685	42.806	ng	100
75) Fluoranthene	12.627	202	1238050	42.581	ng	100
77) Benzidine	12.745	184	265907	55.822	ng	99
78) Pyrene	12.857	202	1242058	48.982	ng	100
80) Butylbenzylphthalate	13.474	149	370712	48.764	ng	99
81) Benzo(a)anthracene	14.045	228	856782	45.434	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	194348	35.347	ng	99
83) Chrysene	14.080	228	779473	45.082	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	424096	49.723	ng	99
85) Di-n-octyl phthalate	14.645	149	794552	51.216	ng	97
87) Indeno(1,2,3-cd)pyrene	17.033	276	1078125	49.708	ng	99
88) Benzo(b)fluoranthene	15.098	252	881907	42.942	ng	99
89) Benzo(k)fluoranthene	15.127	252	693694	39.166	ng	100
90) Benzo(a)pyrene	15.468	252	789113	46.697	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	890134	49.196	ng	99
92) Benzo(g,h,i)perylene	17.486	276	846268	46.825	ng	99

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

