

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
 Data File : BF133149.D
 Acq On : 01 May 2023 11:43
 Operator : CG\JU
 Sample : PB152469BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152469BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/02/2023
 Supervised By : Jagrut Upadhyay 05/02/2023

Quant Time: May 02 05:16:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 15:02:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.733	152	201383	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	837754	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	423860	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	745249	20.000	ng	0.00
76) Chrysene-d12	13.892	240	486068	20.000	ng	0.00
86) Perylene-d12	15.309	264	431492	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1772100	132.928	ng	0.01
7) Phenol-d6	6.381	99	2157366	130.379	ng	0.00
23) Nitrobenzene-d5	7.304	82	1347298	86.807	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	555503	130.316	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	2202644	86.940	ng	0.00
79) Terphenyl-d14	12.845	244	2430206	86.229	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.463	88	223912	36.211	ng	97
3) Pyridine	3.163	79	583489	35.528	ng	97
4) n-Nitrosodimethylamine	3.116	42	347328	40.830	ng	96
6) Aniline	6.398	93	843493	39.579	ng	# 83
8) 2-Chlorophenol	6.516	128	644351	47.604	ng	98
9) Benzaldehyde	6.275	77	375406	56.457	ng	96
10) Phenol	6.392	94	744236	40.771	ng	# 64
11) bis(2-Chloroethyl)ether	6.469	93	606496	44.276	ng	100
12) 1,3-Dichlorobenzene	6.675	146	660085	45.869	ng	98
13) 1,4-Dichlorobenzene	6.751	146	664835	46.096	ng	98
14) 1,2-Dichlorobenzene	6.904	146	639442	48.090	ng	98
15) Benzyl Alcohol	6.881	79	515057	45.062	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.010	45	990324	41.624	ng	93
17) 2-Methylphenol	6.998	107	536000	43.246	ng	98
18) Hexachloroethane	7.245	117	233673	46.601	ng	94
19) n-Nitroso-di-n-propyla...	7.157	70	411444	39.941	ng	97
20) 3+4-Methylphenols	7.151	107	616326	42.225	ng	93
22) Acetophenone	7.145	105	839768	43.273	ng	# 98
24) Nitrobenzene	7.322	77	656291	41.729	ng	97
25) Isophorone	7.557	82	1210523	41.079	ng	97
26) 2-Nitrophenol	7.633	139	354780	46.769	ng	98
27) 2,4-Dimethylphenol	7.680	122	584738	44.954	ng	99
28) bis(2-Chloroethoxy)met...	7.775	93	730588	41.908	ng	100
29) 2,4-Dichlorophenol	7.880	162	521864	44.071	ng	97
30) 1,2,4-Trichlorobenzene	7.963	180	548568	44.717	ng	99
31) Naphthalene	8.039	128	1772080	42.308	ng	99
32) Benzoic acid	7.816	122	414556	51.596	ng	97
33) 4-Chloroaniline	8.092	127	572111	33.806	ng	98
34) Hexachlorobutadiene	8.163	225	294806	43.359	ng	99
35) Caprolactam	8.463	113	191292m	48.088	ng	
36) 4-Chloro-3-methylphenol	8.575	107	575283	45.052	ng	99
37) 2-Methylnaphthalene	8.733	142	1167432	40.768	ng	97
38) 1-Methylnaphthalene	8.827	142	1101489	41.118	ng	98
40) 1,2,4,5-Tetrachloroben...	8.898	216	469974	41.239	ng	98
41) Hexachlorocyclopentadiene	8.886	237	629095	94.652	ng	99
43) 2,4,6-Trichlorophenol	9.010	196	345990	43.900	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
 Data File : BF133149.D
 Acq On : 01 May 2023 11:43
 Operator : CG\JU
 Sample : PB152469BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152469BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/02/2023
 Supervised By : Jagrut Upadhyay 05/02/2023

Quant Time: May 02 05:16:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 15:02:31 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	380216	41.713	ng	100
46) 1,1'-Biphenyl	9.198	154	1416054	42.132	ng	99
47) 2-Chloronaphthalene	9.222	162	1085098	44.109	ng	99
48) 2-Nitroaniline	9.316	65	353795	43.515	ng	98
49) Acenaphthylene	9.633	152	1625941	41.364	ng	100
50) Dimethylphthalate	9.498	163	1280610	43.330	ng	99
51) 2,6-Dinitrotoluene	9.557	165	297030	44.652	ng	96
52) Acenaphthene	9.810	154	1176076m	44.673	ng	
53) 3-Nitroaniline	9.727	138	281731	35.620	ng	98
54) 2,4-Dinitrophenol	9.833	184	337009	100.791	ng	96
55) Dibenzofuran	9.980	168	1444782	40.231	ng	99
56) 4-Nitrophenol	9.898	139	518159	84.584	ng	97
57) 2,4-Dinitrotoluene	9.963	165	378028	44.562	ng	89
58) Fluorene	10.321	166	1063121	40.407	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.098	232	299051	42.319	ng	99
60) Diethylphthalate	10.198	149	1152857	41.297	ng	100
61) 4-Chlorophenyl-phenyle...	10.310	204	518092	40.408	ng	96
62) 4-Nitroaniline	10.345	138	329044	45.263	ng	95
63) Azobenzene	10.474	77	1094401	37.007	ng	95
65) 4,6-Dinitro-2-methylph...	10.369	198	221786	49.099	ng	86
66) n-Nitrosodiphenylamine	10.433	169	995230	41.169	ng	99
67) 4-Bromophenyl-phenylether	10.804	248	336950	41.688	ng	96
68) Hexachlorobenzene	10.869	284	369145	44.571	ng	98
69) Atrazine	10.963	200	341443	49.019	ng	99
70) Pentachlorophenol	11.063	266	445905	75.596	ng	98
71) Phenanthrene	11.280	178	1661588	41.483	ng	99
72) Anthracene	11.333	178	1675053	40.863	ng	99
73) Carbazole	11.486	167	1567188	42.936	ng	100
74) Di-n-butylphthalate	11.821	149	1780187	43.098	ng	99
75) Fluoranthene	12.463	202	1692998	42.115	ng	99
77) Benzidine	12.592	184	1195061	145.390	ng	# 92
78) Pyrene	12.692	202	1753336	42.079	ng	99
80) Butylbenzylphthalate	13.315	149	725272	49.160	ng	98
81) Benzo(a)anthracene	13.880	228	1372873	41.073	ng	99
82) 3,3'-Dichlorobenzidine	13.845	252	414512	44.891	ng	99
83) Chrysene	13.915	228	1362466	40.771	ng	99
84) Bis(2-ethylhexyl)phtha...	13.880	149	829503	44.794	ng	100
85) Di-n-octyl phthalate	14.492	149	1461717	48.410	ng	95
87) Indeno(1,2,3-cd)pyrene	16.692	276	1167218	47.556	ng	99
88) Benzo(b)fluoranthene	14.904	252	1299767	47.349	ng	98
89) Benzo(k)fluoranthene	14.933	252	1121211	41.203	ng	98
90) Benzo(a)pyrene	15.251	252	1026238	41.072	ng	99
91) Dibenzo(a,h)anthracene	16.709	278	969529	47.361	ng	98
92) Benzo(g,h,i)perylene	17.109	276	972673	48.128	ng	97

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

