

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062023\
 Data File : BF133848.D
 Acq On : 20 Jun 2023 10:38
 Operator : CG\JU
 Sample : PB153230BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153230BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/21/2023
 Supervised By :mohammad ahmed 06/21/2023

Quant Time: Jun 20 11:47:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 19 16:00:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	107882	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	416792	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	212277	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	410773	20.000	ng	0.00
76) Chrysene-d12	14.051	240	201814	20.000	ng	0.00
86) Perylene-d12	15.551	264	220612	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	729056	117.648	ng	0.00
7) Phenol-d6	6.498	99	887052	109.970	ng	0.00
23) Nitrobenzene-d5	7.422	82	604780	79.033	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	289993	107.923	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1117387	74.826	ng	0.00
79) Terphenyl-d14	12.986	244	1162443	89.127	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	109696	40.264	ng	98
3) Pyridine	3.498	79	235094	29.606	ng	96
4) n-Nitrosodimethylamine	3.457	42	180243	41.063	ng	99
6) Aniline	6.522	93	278666	27.429	ng	94
8) 2-Chlorophenol	6.645	128	294149	45.042	ng	96
9) Benzaldehyde	6.410	77	71915	13.438	ng	96
10) Phenol	6.510	94	347169	41.218	ng	95
11) bis(2-Chloroethyl)ether	6.598	93	262543	41.987	ng	95
12) 1,3-Dichlorobenzene	6.798	146	307955	44.135	ng	98
13) 1,4-Dichlorobenzene	6.875	146	318892	45.218	ng	99
14) 1,2-Dichlorobenzene	7.028	146	303604	47.643	ng	98
15) Benzyl Alcohol	7.004	79	265902	42.206	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	480932	45.372	ng	99
17) 2-Methylphenol	7.110	107	241978	41.804	ng	99
18) Hexachloroethane	7.369	117	118499	49.081	ng	100
19) n-Nitroso-di-n-propyla...	7.275	70	210041	40.926	ng	98
20) 3+4-Methylphenols	7.269	107	292554	38.852	ng	# 77
22) Acetophenone	7.269	105	408597	42.743	ng	# 94
24) Nitrobenzene	7.445	77	321308	41.700	ng	99
25) Isophorone	7.681	82	581278	41.376	ng	99
26) 2-Nitrophenol	7.757	139	157630	45.583	ng	99
27) 2,4-Dimethylphenol	7.792	122	256861	43.095	ng	96
28) bis(2-Chloroethoxy)met...	7.892	93	331095	40.777	ng	99
29) 2,4-Dichlorophenol	7.998	162	245899	42.095	ng	100
30) 1,2,4-Trichlorobenzene	8.081	180	256622	42.106	ng	97
31) Naphthalene	8.163	128	822456	40.503	ng	99
32) Benzoic acid	7.916	122	197287	52.483	ng	95
33) 4-Chloroaniline	8.210	127	92949	10.705	ng	95
34) Hexachlorobutadiene	8.275	225	163907	41.076	ng	97
35) Caprolactam	8.586	113	83037m	42.244	ng	
36) 4-Chloro-3-methylphenol	8.692	107	278627	41.380	ng	97
37) 2-Methylnaphthalene	8.851	142	555686	39.385	ng	98
38) 1-Methylnaphthalene	8.951	142	517451	39.856	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	261590	40.535	ng	97
41) Hexachlorocyclopentadiene	9.004	237	328680	114.290	ng	98
43) 2,4,6-Trichlorophenol	9.133	196	174312	40.421	ng	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062023\
 Data File : BF133848.D
 Acq On : 20 Jun 2023 10:38
 Operator : CG\JU
 Sample : PB153230BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153230BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/21/2023
 Supervised By :mohammad ahmed 06/21/2023

Quant Time: Jun 20 11:47:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 19 16:00:59 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	193809	38.630	ng	99
46) 1,1'-Biphenyl	9.322	154	701979	41.002	ng	99
47) 2-Chloronaphthalene	9.345	162	517928	42.174	ng	99
48) 2-Nitroaniline	9.439	65	183231	40.796	ng	95
49) Acenaphthylene	9.763	152	858976	40.187	ng	99
50) Dimethylphthalate	9.622	163	630612	39.799	ng	99
51) 2,6-Dinitrotoluene	9.686	165	138372	42.309	ng	87
52) Acenaphthene	9.933	154	503696	40.259	ng	98
53) 3-Nitroaniline	9.851	138	93645	23.529	ng	88
54) 2,4-Dinitrophenol	9.963	184	163802	100.886	ng	90
55) Dibenzofuran	10.104	168	774748	40.582	ng	96
56) 4-Nitrophenol	10.022	139	218345	81.288	ng	82
57) 2,4-Dinitrotoluene	10.092	165	182712	43.927	ng	97
58) Fluorene	10.451	166	594628	40.729	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.222	232	165953	44.182	ng	99
60) Diethylphthalate	10.327	149	646167	40.069	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	283745	39.369	ng	96
62) 4-Nitroaniline	10.474	138	147720	37.855	ng	95
63) Azobenzene	10.604	77	617034	40.418	ng	97
65) 4,6-Dinitro-2-methylph...	10.498	198	105200	53.595	ng	# 75
66) n-Nitrosodiphenylamine	10.563	169	534237	38.719	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	177421	38.698	ng	98
68) Hexachlorobenzene	10.998	284	198182	41.106	ng	98
69) Atrazine	11.092	200	170777	42.657	ng	98
70) Pentachlorophenol	11.192	266	214142	74.175	ng	98
71) Phenanthrene	11.416	178	855072	41.029	ng	100
72) Anthracene	11.469	178	866586	39.879	ng	100
73) Carbazole	11.627	167	784206	38.748	ng	98
74) Di-n-butylphthalate	11.957	149	968874	37.342	ng	99
75) Fluoranthene	12.610	202	851507	38.475	ng	99
77) Benzidine	12.733	184	216861	32.023	ng	100
78) Pyrene	12.839	202	862762	45.892	ng	99
80) Butylbenzylphthalate	13.463	149	320828	40.424	ng	97
81) Benzo(a)anthracene	14.039	228	577180	41.347	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	142694	30.746	ng	# 99
83) Chrysene	14.074	228	546334	41.379	ng	98
84) Bis(2-ethylhexyl)phtha...	14.027	149	391447	40.057	ng	99
85) Di-n-octyl phthalate	14.651	149	638207	45.957	ng	99
87) Indeno(1,2,3-cd)pyrene	17.103	276	706711	46.563	ng	99
88) Benzo(b)fluoranthene	15.109	252	554567	41.382	ng	100
89) Benzo(k)fluoranthene	15.139	252	537869	41.202	ng	98
90) Benzo(a)pyrene	15.492	252	503662	40.496	ng	97
91) Dibenzo(a,h)anthracene	17.127	278	574970	45.759	ng	99
92) Benzo(g,h,i)perylene	17.580	276	570403	45.785	ng	99

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

