

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
 Data File : BF127755.D
 Acq On : 12 Apr 2022 13:33
 Operator : CG\JU
 Sample : PB144025BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144025BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/13/2022
 Supervised By : Jagrut Upadhyay 04/13/2022

Quant Time: Apr 13 07:23:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 07:19:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	134699	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	499091	20.000	ng	# 0.00
39) Acenaphthene-d10	10.004	164	285282	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	522094	20.000	ng	0.00
76) Chrysene-d12	14.139	240	318319	20.000	ng	0.00
86) Perylene-d12	15.657	264	267221	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	1035006	124.855	ng	0.01
7) Phenol-d6	6.587	99	1337205	123.306	ng	0.00
23) Nitrobenzene-d5	7.528	82	936107	83.618	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	430360	141.760	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1617778	80.223	ng	0.00
79) Terphenyl-d14	13.080	244	1812008	93.959	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.899	88	143822	36.578	ng	85
3) Pyridine	3.652	79	390687	37.726	ng	# 80
4) n-Nitrosodimethylamine	3.616	42	233468	41.920	ng	99
6) Aniline	6.622	93	465739	36.008	ng	94
8) 2-Chlorophenol	6.745	128	418414	49.758	ng	92
9) Benzaldehyde	6.510	77	311019	61.038	ng	97
10) Phenol	6.598	94	526995	48.599	ng	98
11) bis(2-Chloroethyl)ether	6.692	93	413648	46.191	ng	92
12) 1,3-Dichlorobenzene	6.898	146	439228	45.713	ng	97
13) 1,4-Dichlorobenzene	6.975	146	453222	46.662	ng	99
14) 1,2-Dichlorobenzene	7.128	146	433241	46.664	ng	98
15) Benzyl Alcohol	7.098	79	415708	43.848	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.228	45	590455	41.771	ng	96
17) 2-Methylphenol	7.204	107	349816	47.824	ng	98
18) Hexachloroethane	7.469	117	166890	45.029	ng	99
19) n-Nitroso-di-n-propyla...	7.369	70	316114	45.069	ng	95
20) 3+4-Methylphenols	7.357	107	426905	45.799	ng	# 72
22) Acetophenone	7.369	105	579464	43.207	ng	# 83
24) Nitrobenzene	7.545	77	497575	45.850	ng	97
25) Isophorone	7.781	82	900049	46.075	ng	98
26) 2-Nitrophenol	7.857	139	212624	54.519	ng	92
27) 2,4-Dimethylphenol	7.887	122	387754	50.782	ng	90
28) bis(2-Chloroethoxy)met...	7.987	93	516938	42.917	ng	100
29) 2,4-Dichlorophenol	8.098	162	377625	45.909	ng	93
30) 1,2,4-Trichlorobenzene	8.181	180	422660	44.647	ng	98
31) Naphthalene	8.263	128	1175156	44.935	ng	98
32) Benzoic acid	8.010	122	266975	48.192	ng	93
33) 4-Chloroaniline	8.310	127	159824	15.517	ng	94
34) Hexachlorobutadiene	8.375	225	285510	43.844	ng	99
35) Caprolactam	8.686	113	118479m	48.735	ng	
36) 4-Chloro-3-methylphenol	8.792	107	400739	46.469	ng	100
37) 2-Methylnaphthalene	8.957	142	790501	45.193	ng	99
38) 1-Methylnaphthalene	9.057	142	759424	44.981	ng	97
40) 1,2,4,5-Tetrachloroben...	9.122	216	422394	45.142	ng	# 98
41) Hexachlorocyclopentadiene	9.104	237	583386	103.503	ng	97
43) 2,4,6-Trichlorophenol	9.233	196	284865	44.842	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
 Data File : BF127755.D
 Acq On : 12 Apr 2022 13:33
 Operator : CG\JU
 Sample : PB144025BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144025BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/13/2022
 Supervised By : Jagrut Upadhyay 04/13/2022

Quant Time: Apr 13 07:23:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 07:19:18 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	302135	47.134	ng	99
46) 1,1'-Biphenyl	9.422	154	969079	44.417	ng	99
47) 2-Chloronaphthalene	9.451	162	772075	44.530	ng	99
48) 2-Nitroaniline	9.545	65	269508	50.048	ng	# 87
49) Acenaphthylene	9.869	152	1270047	48.158	ng	99
50) Dimethylphthalate	9.722	163	933305	45.134	ng	99
51) 2,6-Dinitrotoluene	9.786	165	205527	52.728	ng	89
52) Acenaphthene	10.039	154	840128	50.564	ng	98
53) 3-Nitroaniline	9.951	138	114313	27.761	ng	96
54) 2,4-Dinitrophenol	10.063	184	214829	109.130	ng	94
55) Dibenzofuran	10.210	168	1086148	44.797	ng	97
56) 4-Nitrophenol	10.116	139	317688	98.222	ng	86
57) 2,4-Dinitrotoluene	10.192	165	276680	57.253	ng	# 80
58) Fluorene	10.557	166	827303	46.181	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.322	232	265105	47.462	ng	100
60) Diethylphthalate	10.422	149	859417	43.431	ng	99
61) 4-Chlorophenyl-phenyle...	10.545	204	434331	44.125	ng	98
62) 4-Nitroaniline	10.575	138	202103	52.112	ng	90
63) Azobenzene	10.704	77	914748	41.370	ng	97
65) 4,6-Dinitro-2-methylph...	10.598	198	142079	56.342	ng	# 82
66) n-Nitrosodiphenylamine	10.663	169	733666	44.618	ng	99
67) 4-Bromophenyl-phenylether	11.033	248	291048	45.933	ng	# 92
68) Hexachlorobenzene	11.098	284	337200	48.682	ng	99
69) Atrazine	11.192	200	279714	51.200	ng	99
70) Pentachlorophenol	11.292	266	377296	91.202	ng	99
71) Phenanthrene	11.522	178	1240805	44.856	ng	99
72) Anthracene	11.575	178	1268927	46.374	ng	99
73) Carbazole	11.727	167	1128833	44.027	ng	99
74) Di-n-butylphthalate	12.051	149	1245194	40.626	ng	99
75) Fluoranthene	12.710	202	1364250	45.195	ng	99
77) Benzidine	12.833	184	480965	57.889	ng	99
78) Pyrene	12.945	202	1374250	51.126	ng	99
80) Butylbenzylphthalate	13.551	149	432398	43.204	ng	96
81) Benzo(a)anthracene	14.127	228	1002268	47.143	ng	100
82) 3,3'-Dichlorobenzidine	14.086	252	165011	24.896	ng	98
83) Chrysene	14.168	228	912473	44.712	ng	99
84) Bis(2-ethylhexyl)phtha...	14.110	149	497757	35.284	ng	98
85) Di-n-octyl phthalate	14.727	149	648972	31.462	ng	# 93
87) Indeno(1,2,3-cd)pyrene	17.221	276	896975	53.725	ng	98
88) Benzo(b)fluoranthene	15.204	252	823342	47.896	ng	100
89) Benzo(k)fluoranthene	15.239	252	767849	45.037	ng	98
90) Benzo(a)pyrene	15.592	252	780165	55.837	ng	98
91) Dibenzo(a,h)anthracene	17.239	278	762645	56.378	ng	98
92) Benzo(g,h,i)perylene	17.698	276	804339	57.999	ng	98

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

