

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042722\
 Data File : BF127941.D
 Acq On : 27 Apr 2022 13:06
 Operator : CG\JU
 Sample : PB144392BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144392BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/28/2022
 Supervised By : Jagrut Upadhyay 04/28/2022

Quant Time: Apr 27 17:30:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	150774	20.000	ng	-0.01
21) Naphthalene-d8	8.216	136	581355	20.000	ng	-0.01
39) Acenaphthene-d10	9.981	164	322566	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	566310	20.000	ng	0.00
76) Chrysene-d12	14.121	240	357990	20.000	ng	0.00
86) Perylene-d12	15.627	264	299393	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	841594	88.906	ng	0.00
7) Phenol-d6	6.563	99	1097231	89.330	ng	0.00
23) Nitrobenzene-d5	7.504	82	1115040	90.192	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	293182	90.288	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1730378	90.752	ng	0.00
79) Terphenyl-d14	13.057	244	1787192	91.287	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.922	88	168416	37.289	ng	98
3) Pyridine	3.657	79	458877	39.653	ng	97
4) n-Nitrosodimethylamine	3.634	42	273885	48.895	ng	99
6) Aniline	6.598	93	575330	39.424	ng	99
8) 2-Chlorophenol	6.722	128	480112	48.867	ng	97
9) Benzaldehyde	6.487	77	320012	42.115	ng	95
10) Phenol	6.575	94	588263m	47.485	ng	
11) bis(2-Chloroethyl)ether	6.669	93	476683	46.386	ng	97
12) 1,3-Dichlorobenzene	6.875	146	503793	44.547	ng	97
13) 1,4-Dichlorobenzene	6.951	146	505669	44.796	ng	98
14) 1,2-Dichlorobenzene	7.104	146	489369	46.829	ng	99
15) Benzyl Alcohol	7.081	79	396342	47.450	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.204	45	721215	45.919	ng	97
17) 2-Methylphenol	7.187	107	436731	51.520	ng	95
18) Hexachloroethane	7.445	117	196415	47.329	ng	99
19) n-Nitroso-di-n-propyla...	7.351	70	359475	47.810	ng	97
20) 3+4-Methylphenols	7.340	107	471577	46.051	ng	# 90
22) Acetophenone	7.345	105	646933	45.657	ng	# 93
24) Nitrobenzene	7.522	77	567398	47.629	ng	99
25) Isophorone	7.757	82	1045098	50.227	ng	99
26) 2-Nitrophenol	7.834	139	255144	50.260	ng	97
27) 2,4-Dimethylphenol	7.869	122	444742	52.745	ng	99
28) bis(2-Chloroethoxy)met...	7.963	93	600104	45.002	ng	98
29) 2,4-Dichlorophenol	8.075	162	397396	44.987	ng	99
30) 1,2,4-Trichlorobenzene	8.157	180	439552	43.806	ng	100
31) Naphthalene	8.239	128	1339169	45.228	ng	99
32) Benzoic acid	8.004	122	285655	47.265	ng	99
33) 4-Chloroaniline	8.287	127	268949	22.957	ng	99
34) Hexachlorobutadiene	8.351	225	286585	45.344	ng	98
35) Caprolactam	8.669	113	126403m	44.330	ng	
36) 4-Chloro-3-methylphenol	8.775	107	444844	47.153	ng	99
37) 2-Methylnaphthalene	8.934	142	890056	45.484	ng	100
38) 1-Methylnaphthalene	9.034	142	852044	44.796	ng	98
40) 1,2,4,5-Tetrachloroben...	9.098	216	415382	43.689	ng	98
41) Hexachlorocyclopentadiene	9.081	237	571420	110.930	ng	99
43) 2,4,6-Trichlorophenol	9.210	196	289414	46.262	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042722\
 Data File : BF127941.D
 Acq On : 27 Apr 2022 13:06
 Operator : CG\JU
 Sample : PB144392BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144392BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/28/2022
 Supervised By : Jagrut Upadhyay 04/28/2022

Quant Time: Apr 27 17:30:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	297310	43.717	ng	99
46) 1,1'-Biphenyl	9.398	154	1075031	44.992	ng	99
47) 2-Chloronaphthalene	9.422	162	799926	43.977	ng	97
48) 2-Nitroaniline	9.522	65	293067	47.631	ng	98
49) Acenaphthylene	9.845	152	1294313	46.518	ng	100
50) Dimethylphthalate	9.698	163	956047	44.194	ng	99
51) 2,6-Dinitrotoluene	9.763	165	223713	47.763	ng	94
52) Acenaphthene	10.016	154	922307m	49.305	ng	
53) 3-Nitroaniline	9.934	138	146087	28.087	ng	98
54) 2,4-Dinitrophenol	10.045	184	236762	95.984	ng	94
55) Dibenzofuran	10.186	168	1148097	42.540	ng	98
56) 4-Nitrophenol	10.098	139	334590	84.245	ng	92
57) 2,4-Dinitrotoluene	10.169	165	293153	47.251	ng #	80
58) Fluorene	10.533	166	873200	43.359	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.304	232	256889	44.920	ng	100
60) Diethylphthalate	10.398	149	919353	43.339	ng	99
61) 4-Chlorophenyl-phenyle...	10.522	204	423440	42.312	ng	100
62) 4-Nitroaniline	10.557	138	213066	41.902	ng	98
63) Azobenzene	10.681	77	1011766	43.345	ng	99
65) 4,6-Dinitro-2-methylph...	10.581	198	156834	46.608	ng	89
66) n-Nitrosodiphenylamine	10.639	169	782490	44.406	ng	98
67) 4-Bromophenyl-phenylether	11.010	248	276170	43.991	ng	99
68) Hexachlorobenzene	11.075	284	302962	45.804	ng	100
69) Atrazine	11.169	200	273396	50.175	ng	99
70) Pentachlorophenol	11.275	266	337857	86.826	ng	96
71) Phenanthrene	11.498	178	1274725	43.001	ng	100
72) Anthracene	11.551	178	1306684	44.250	ng	100
73) Carbazole	11.704	167	1169355	41.088	ng	100
74) Di-n-butylphthalate	12.028	149	1398462	43.699	ng	100
75) Fluoranthene	12.686	202	1337053	42.856	ng	99
77) Benzidine	12.810	184	660664	97.534	ng	98
78) Pyrene	12.922	202	1335096	46.199	ng	99
80) Butylbenzylphthalate	13.527	149	552746	48.799	ng	99
81) Benzo(a)anthracene	14.110	228	1098455	46.035	ng	99
82) 3,3'-Dichlorobenzidine	14.069	252	207656	27.409	ng	99
83) Chrysene	14.145	228	997217	43.760	ng	99
84) Bis(2-ethylhexyl)phtha...	14.080	149	730486	48.631	ng	99
85) Di-n-octyl phthalate	14.704	149	1120806	48.149	ng	100
87) Indeno(1,2,3-cd)pyrene	17.174	276	926410	46.358	ng	99
88) Benzo(b)fluoranthene	15.180	252	975895	51.897	ng	99
89) Benzo(k)fluoranthene	15.210	252	813774	42.954	ng	97
90) Benzo(a)pyrene	15.568	252	860488	55.166	ng	98
91) Dibenzo(a,h)anthracene	17.198	278	796277	49.683	ng	98
92) Benzo(g,h,i)perylene	17.651	276	807561	47.813	ng	98

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

