

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062622\
 Data File : BF129021.D
 Acq On : 26 Jun 2022 23:20
 Operator : CG\JU
 Sample : PB145742BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145742BS

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 06/27/2022
 Supervised By : Jagrut Upadhyay 06/27/2022

Quant Time: Jun 27 06:35:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 05:55:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	100444	20.000	ng	0.00
21) Naphthalene-d8	7.986	136	387589	20.000	ng	0.00
39) Acenaphthene-d10	9.745	164	217967	20.000	ng	0.00
64) Phenanthrene-d10	11.233	188	405803	20.000	ng	# 0.00
76) Chrysene-d12	13.880	240	289067	20.000	ng	# 0.00
86) Perylene-d12	15.304	264	216429	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	966049	149.312	ng	0.01
7) Phenol-d6	6.369	99	890354	117.722	ng	0.00
23) Nitrobenzene-d5	7.281	82	621827	77.237	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	261959	115.760	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	1167361	77.601	ng	0.00
79) Terphenyl-d14	12.821	244	1359637	87.191	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.487	88	78381	44.630	ng	94
3) Pyridine	3.193	79	206714	30.491	ng	91
4) n-Nitrosodimethylamine	3.157	42	161363	39.820	ng	# 82
6) Aniline	6.369	93	284928	34.845	ng	# 58
8) 2-Chlorophenol	6.498	128	283972	44.715	ng	96
9) Benzaldehyde	6.257	77	66263	16.074	ng	96
10) Phenol	6.381	94	352599	44.143	ng	77
11) bis(2-Chloroethyl)ether	6.445	93	257641	43.423	ng	98
12) 1,3-Dichlorobenzene	6.645	146	308025	42.248	ng	98
13) 1,4-Dichlorobenzene	6.722	146	312019	42.491	ng	98
14) 1,2-Dichlorobenzene	6.875	146	293249	43.422	ng	99
15) Benzyl Alcohol	6.863	79	215683	36.358	ng	94
16) 2,2'-oxybis(1-Chloropr...	6.981	45	396609	40.448	ng	# 6
17) 2-Methylphenol	7.139	107	300425	44.106	ng	# 82
18) Hexachloroethane	7.210	117	116658	43.816	ng	97
19) n-Nitroso-di-n-propyla...	7.128	70	209486	44.878	ng	97
20) 3+4-Methylphenols	7.139	107	300425	44.106	ng	# 83
22) Acetophenone	7.122	105	413551	40.429	ng	96
24) Nitrobenzene	7.298	77	324405	43.538	ng	98
25) Isophorone	7.539	82	559041	45.817	ng	98
26) 2-Nitrophenol	7.610	139	147343	42.124	ng	# 84
27) 2,4-Dimethylphenol	7.663	122	251014	48.662	ng	95
28) bis(2-Chloroethoxy)met...	7.745	93	323919	41.099	ng	97
29) 2,4-Dichlorophenol	7.863	162	242532	41.848	ng	99
30) 1,2,4-Trichlorobenzene	7.933	180	261671	40.873	ng	97
31) Naphthalene	8.010	128	819373	42.091	ng	100
32) Benzoic acid	7.833	122	94207	41.249	ng	91
33) 4-Chloroaniline	8.069	127	230579	30.739	ng	97
34) Hexachlorobutadiene	8.122	225	177124	43.010	ng	98
35) Caprolactam	8.457	113	71318m	45.528	ng	
36) 4-Chloro-3-methylphenol	8.580	107	266497	46.705	ng	100
37) 2-Methylnaphthalene	8.704	142	522407	48.093	ng	99
38) 1-Methylnaphthalene	8.804	142	498857	47.795	ng	98
40) 1,2,4,5-Tetrachloroben...	8.869	216	274478	39.402	ng	99
41) Hexachlorocyclopentadiene	8.851	237	154722	73.357	ng	98
43) 2,4,6-Trichlorophenol	8.992	196	152858	38.274	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062622\
 Data File : BF129021.D
 Acq On : 26 Jun 2022 23:20
 Operator : CG\JU
 Sample : PB145742BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145742BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/27/2022
 Supervised By : Jagrut Upadhyay 06/27/2022

Quant Time: Jun 27 06:35:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 05:55:00 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	165855	39.885	ng	# 94
46) 1,1'-Biphenyl	9.169	154	663056	41.882	ng	98
47) 2-Chloronaphthalene	9.192	162	518470	42.082	ng	99
48) 2-Nitroaniline	9.304	65	186234	42.483	ng	96
49) Acenaphthylene	9.610	152	806532	43.585	ng	100
50) Dimethylphthalate	9.480	163	613677	42.378	ng	100
51) 2,6-Dinitrotoluene	9.545	165	134258	44.263	ng	# 86
52) Acenaphthene	9.780	154	472207	42.234	ng	99
53) 3-Nitroaniline	9.716	138	99094	29.675	ng	99
54) 2,4-Dinitrophenol	9.839	184	117463	79.573	ng	88
55) Dibenzofuran	9.951	168	691659	39.937	ng	93
56) 4-Nitrophenol	9.916	139	96428	80.504	ng	# 75
57) 2,4-Dinitrotoluene	9.957	165	176265	44.202	ng	93
58) Fluorene	10.298	166	574281	42.125	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.080	232	138234	45.622	ng	96
60) Diethylphthalate	10.174	149	597376	42.382	ng	99
61) 4-Chlorophenyl-phenyle...	10.286	204	281090	40.430	ng	94
62) 4-Nitroaniline	10.339	138	125379	39.773	ng	90
63) Azobenzene	10.445	77	588972	40.803	ng	96
65) 4,6-Dinitro-2-methylph...	10.369	198	94738	40.738	ng	98
66) n-Nitrosodiphenylamine	10.410	169	519218	41.626	ng	99
67) 4-Bromophenyl-phenylether	10.774	248	183633	41.237	ng	95
68) Hexachlorobenzene	10.845	284	211203	43.053	ng	# 90
69) Atrazine	10.945	200	170953	45.699	ng	98
70) Pentachlorophenol	11.051	266	94264	82.291	ng	99
71) Phenanthrene	11.257	178	855107	42.519	ng	99
72) Anthracene	11.310	178	865129	43.124	ng	99
73) Carbazole	11.474	167	762007	40.081	ng	99
74) Di-n-butylphthalate	11.798	149	915101	42.394	ng	99
75) Fluoranthene	12.445	202	921936	44.607	ng	98
77) Benzidine	12.574	184	306257	Below Cal		98
78) Pyrene	12.680	202	923074	44.647	ng	98
80) Butylbenzylphthalate	13.292	149	374862	45.230	ng	99
81) Benzo(a)anthracene	13.868	228	780913	43.523	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	199267	49.002	ng	98
83) Chrysene	13.910	228	730363	42.558	ng	99
84) Bis(2-ethylhexyl)phtha...	13.851	149	490177	45.565	ng	98
85) Di-n-octyl phthalate	14.462	149	744047	44.922	ng	100
87) Indeno(1,2,3-cd)pyrene	16.715	276	556492	43.760	ng	# 93
88) Benzo(b)fluoranthene	14.898	252	656815	49.938	ng	98
89) Benzo(k)fluoranthene	14.927	252	563971	43.526	ng	# 98
90) Benzo(a)pyrene	15.251	252	567070	53.139	ng	# 97
91) Dibenzo(a,h)anthracene	16.721	278	489367	46.700	ng	# 96
92) Benzo(g,h,i)perylene	17.133	276	483141	46.438	ng	# 94

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

