

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033022\
 Data File : BF127586.D
 Acq On : 30 Mar 2022 14:20
 Operator : CG\JU
 Sample : PB143741BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143741BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/31/2022
 Supervised By : Jagrut Upadhyay 03/31/2022

Quant Time: Mar 30 16:34:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	101569	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	371166	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	214069	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	370339	20.000	ng	0.00
76) Chrysene-d12	14.015	240	233591	20.000	ng	0.00
86) Perylene-d12	15.498	264	187313	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	716116	112.542	ng	0.01
7) Phenol-d6	6.481	99	939566	108.023	ng	0.00
23) Nitrobenzene-d5	7.404	82	661531	76.186	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	240147	105.310	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1085784	74.065	ng	0.00
79) Terphenyl-d14	12.951	244	1142095	80.039	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	106675	38.170	ng	96
3) Pyridine	3.446	79	247343	31.357	ng	98
4) n-Nitrosodimethylamine	3.404	42	185309	42.788	ng	98
6) Aniline	6.504	93	337856	32.550	ng	# 89
8) 2-Chlorophenol	6.628	128	286163	44.008	ng	99
9) Benzaldehyde	6.392	77	180227	40.537	ng	96
10) Phenol	6.498	94	390839	41.261	ng	77
11) bis(2-Chloroethyl)ether	6.575	93	309844	44.704	ng	97
12) 1,3-Dichlorobenzene	6.775	146	297133	40.627	ng	96
13) 1,4-Dichlorobenzene	6.851	146	303079	41.198	ng	98
14) 1,2-Dichlorobenzene	7.004	146	282799	39.469	ng	100
15) Benzyl Alcohol	6.986	79	283236	44.808	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.110	45	530109	42.503	ng	88
17) 2-Methylphenol	7.098	107	230845	42.066	ng	# 93
18) Hexachloroethane	7.339	117	115209	42.777	ng	99
19) n-Nitroso-di-n-propyla...	7.251	70	218655	41.939	ng	99
20) 3+4-Methylphenols	7.251	107	286427	42.317	ng	98
22) Acetophenone	7.251	105	384498	40.525	ng	99
24) Nitrobenzene	7.428	77	354789	42.844	ng	98
25) Isophorone	7.663	82	631691	45.676	ng	99
26) 2-Nitrophenol	7.739	139	148591	42.785	ng	94
27) 2,4-Dimethylphenol	7.775	122	253002	48.429	ng	98
28) bis(2-Chloroethoxy)met...	7.869	93	380706	42.377	ng	99
29) 2,4-Dichlorophenol	7.986	162	251449	42.398	ng	95
30) 1,2,4-Trichlorobenzene	8.057	180	271836	39.334	ng	98
31) Naphthalene	8.139	128	810418	41.126	ng	99
32) Benzoic acid	7.939	122	120261	41.054	ng	92
33) 4-Chloroaniline	8.198	127	119040	15.589	ng	97
34) Hexachlorobutadiene	8.245	225	171028	38.972	ng	99
35) Caprolactam	8.580	113	81214m	44.419	ng	
36) 4-Chloro-3-methylphenol	8.692	107	273592	42.518	ng	98
37) 2-Methylnaphthalene	8.833	142	532739	42.044	ng	98
38) 1-Methylnaphthalene	8.928	142	501669	40.039	ng	100
40) 1,2,4,5-Tetrachloroben...	8.998	216	276251	40.587	ng	99
41) Hexachlorocyclopentadiene	8.975	237	153576	69.977	ng	95
43) 2,4,6-Trichlorophenol	9.116	196	165725	40.280	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033022\
 Data File : BF127586.D
 Acq On : 30 Mar 2022 14:20
 Operator : CG\JU
 Sample : PB143741BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143741BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/31/2022
 Supervised By : Jagrut Upadhyay 03/31/2022

Quant Time: Mar 30 16:34:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	171039	40.385	ng	99
46) 1,1'-Biphenyl	9.292	154	651242	40.280	ng	98
47) 2-Chloronaphthalene	9.322	162	512196	40.230	ng	98
48) 2-Nitroaniline	9.433	65	201398	41.274	ng	91
49) Acenaphthylene	9.739	152	777327	40.386	ng	99
50) Dimethylphthalate	9.598	163	614075	41.234	ng	100
51) 2,6-Dinitrotoluene	9.669	165	133341	42.654	ng	93
52) Acenaphthene	9.910	154	457160	40.709	ng	98
53) 3-Nitroaniline	9.845	138	82673	24.109	ng	95
54) 2,4-Dinitrophenol	9.963	184	102738	66.736	ng	96
55) Dibenzofuran	10.080	168	663696	40.637	ng	99
56) 4-Nitrophenol	10.027	139	115760	66.326	ng	97
57) 2,4-Dinitrotoluene	10.080	165	159298	39.589	ng	91
58) Fluorene	10.427	166	539513	41.269	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.204	232	141252	37.723	ng	99
60) Diethylphthalate	10.298	149	549945	40.431	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	292576	38.012	ng	94
62) 4-Nitroaniline	10.469	138	124413	38.733	ng	97
63) Azobenzene	10.574	77	645248	40.203	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	87619	38.450	ng	99
66) n-Nitrosodiphenylamine	10.539	169	468504	41.559	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	178898	41.375	ng	96
68) Hexachlorobenzene	10.974	284	196691	41.675	ng	97
69) Atrazine	11.069	200	181273	48.301	ng	98
70) Pentachlorophenol	11.174	266	118657	66.370	ng	97
71) Phenanthrene	11.392	178	793282	41.087	ng	100
72) Anthracene	11.445	178	805028	42.016	ng	99
73) Carbazole	11.604	167	717846	39.177	ng	99
74) Di-n-butylphthalate	11.916	149	836099	44.083	ng	100
75) Fluoranthene	12.586	202	858013	40.404	ng	99
77) Benzidine	12.710	184	256712	46.091	ng	98
78) Pyrene	12.816	202	848767	42.338	ng	99
80) Butylbenzylphthalate	13.421	149	309580	46.920	ng	93
81) Benzo(a)anthracene	14.004	228	646577	41.391	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	119261	25.976	ng	96
83) Chrysene	14.045	228	614148	41.518	ng	100
84) Bis(2-ethylhexyl)phtha...	13.968	149	371849	48.754	ng	99
85) Di-n-octyl phthalate	14.580	149	568982	56.060	ng	100
87) Indeno(1,2,3-cd)pyrene	17.003	276	506603	39.969	ng	98
88) Benzo(b)fluoranthene	15.062	252	515994	43.689	ng	99
89) Benzo(k)fluoranthene	15.092	252	533117	43.542	ng	99
90) Benzo(a)pyrene	15.433	252	504389	52.038	ng	# 98
91) Dibenzo(a,h)anthracene	17.003	278	441453	42.186	ng	96
92) Benzo(g,h,i)perylene	17.456	276	437774	40.474	ng	98

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

