

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042722\
 Data File : BF127940.D
 Acq On : 27 Apr 2022 12:34
 Operator : CG\JU
 Sample : PB144392BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144392BS

Manual Integrations
 APPROVED

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

Quant Time: Apr 27 17:29:46 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	147402	20.000	ng	-0.01
21) Naphthalene-d8	8.216	136	571719	20.000	ng	-0.01
39) Acenaphthene-d10	9.980	164	323042	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	555116	20.000	ng	0.00
76) Chrysene-d12	14.115	240	347596	20.000	ng	#-0.01
86) Perylene-d12	15.627	264	300320	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	826297	89.287	ng	0.00
7) Phenol-d6	6.563	99	1076177	89.620	ng	0.00
23) Nitrobenzene-d5	7.504	82	1101383	90.589	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	289509	89.026	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1699313	88.992	ng	-0.01
79) Terphenyl-d14	13.057	244	1789468	94.137	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.916	88	161607	36.600	ng	96
3) Pyridine	3.657	79	445975	39.420	ng	97
4) n-Nitrosodimethylamine	3.628	42	272039	49.676	ng	94
6) Aniline	6.598	93	566711	39.722	ng	99
8) 2-Chlorophenol	6.722	128	472816	49.226	ng	98
9) Benzaldehyde	6.487	77	317540	42.745	ng	92
10) Phenol	6.575	94	582463m	48.093	ng	
11) bis(2-Chloroethyl)ether	6.669	93	472103	46.991	ng	97
12) 1,3-Dichlorobenzene	6.875	146	496703	44.925	ng	97
13) 1,4-Dichlorobenzene	6.951	146	501737	45.464	ng	98
14) 1,2-Dichlorobenzene	7.104	146	476789	46.669	ng	100
15) Benzyl Alcohol	7.081	79	404834	49.576	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.204	45	709998	46.239	ng	97
17) 2-Methylphenol	7.187	107	430145	51.904	ng	96
18) Hexachloroethane	7.445	117	191284	47.147	ng	98
19) n-Nitroso-di-n-propyla...	7.351	70	353587	48.102	ng	99
20) 3+4-Methylphenols	7.339	107	461093	46.058	ng	# 89
22) Acetophenone	7.345	105	636511	45.678	ng	# 93
24) Nitrobenzene	7.522	77	559668	47.772	ng	98
25) Isophorone	7.757	82	1021381	49.914	ng	99
26) 2-Nitrophenol	7.834	139	244884	49.052	ng	98
27) 2,4-Dimethylphenol	7.869	122	442495	53.363	ng	99
28) bis(2-Chloroethoxy)met...	7.963	93	590267	45.010	ng	99
29) 2,4-Dichlorophenol	8.075	162	391528	45.070	ng	99
30) 1,2,4-Trichlorobenzene	8.157	180	436110	44.195	ng	99
31) Naphthalene	8.239	128	1311974	45.056	ng	100
32) Benzoic acid	7.998	122	267330	44.978	ng	98
33) 4-Chloroaniline	8.286	127	278065	24.135	ng	99
34) Hexachlorobutadiene	8.351	225	279334	44.941	ng	97
35) Caprolactam	8.669	113	130513m	46.543	ng	
36) 4-Chloro-3-methylphenol	8.769	107	432102	46.574	ng	98
37) 2-Methylnaphthalene	8.933	142	875626	45.501	ng	99
38) 1-Methylnaphthalene	9.033	142	830073	44.377	ng	99
40) 1,2,4,5-Tetrachloroben...	9.098	216	409925	43.052	ng	98
41) Hexachlorocyclopentadiene	9.081	237	554718	107.529	ng	99
43) 2,4,6-Trichlorophenol	9.210	196	282939	45.160	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	295188	43.341	ng	97
46) 1,1'-Biphenyl	9.398	154	1057952	44.212	ng	99
47) 2-Chloronaphthalene	9.422	162	781811	42.918	ng	96
48) 2-Nitroaniline	9.522	65	287260	46.618	ng	96
49) Acenaphthylene	9.845	152	1278926	45.897	ng	100
50) Dimethylphthalate	9.698	163	941122	43.440	ng	100
51) 2,6-Dinitrotoluene	9.763	165	220624	47.034	ng	97
52) Acenaphthene	10.016	154	912383m	48.703	ng	
53) 3-Nitroaniline	9.933	138	144327	27.708	ng	99
54) 2,4-Dinitrophenol	10.039	184	231062	93.535	ng	# 80
55) Dibenzofuran	10.186	168	1138318	42.115	ng	98
56) 4-Nitrophenol	10.098	139	333268	83.789	ng	92
57) 2,4-Dinitrotoluene	10.169	165	286988	46.189	ng	# 81
58) Fluorene	10.533	166	865673	42.922	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.304	232	253094	44.191	ng	99
60) Diethylphthalate	10.398	149	910887	42.876	ng	100
61) 4-Chlorophenyl-phenyle...	10.516	204	420474	41.954	ng	95
62) 4-Nitroaniline	10.557	138	215421	42.303	ng	99
63) Azobenzene	10.680	77	1003729	42.937	ng	99
65) 4,6-Dinitro-2-methylph...	10.575	198	153285	46.472	ng	87
66) n-Nitrosodiphenylamine	10.639	169	774453	44.836	ng	100
67) 4-Bromophenyl-phenylether	11.010	248	269785	43.841	ng	99
68) Hexachlorobenzene	11.075	284	300137	46.292	ng	98
69) Atrazine	11.169	200	269882	50.529	ng	99
70) Pentachlorophenol	11.275	266	332565	87.189	ng	97
71) Phenanthrene	11.498	178	1258821	43.321	ng	99
72) Anthracene	11.551	178	1290660	44.589	ng	99
73) Carbazole	11.704	167	1165187	41.767	ng	100
74) Di-n-butylphthalate	12.022	149	1381132	44.027	ng	99
75) Fluoranthene	12.686	202	1332271	43.563	ng	99
77) Benzidine	12.810	184	660839	100.477	ng	98
78) Pyrene	12.921	202	1314693	46.853	ng	99
80) Butylbenzylphthalate	13.527	149	535693	48.708	ng	99
81) Benzo(a)anthracene	14.110	228	1065557	45.992	ng	98
82) 3,3'-Dichlorobenzidine	14.068	252	199990	27.186	ng	99
83) Chrysene	14.145	228	972653	43.959	ng	100
84) Bis(2-ethylhexyl)phtha...	14.080	149	712980	48.885	ng	99
85) Di-n-octyl phthalate	14.704	149	1071326	47.399	ng	99
87) Indeno(1,2,3-cd)pyrene	17.174	276	937808	46.783	ng	98
88) Benzo(b)fluoranthene	15.180	252	968095	51.323	ng	99
89) Benzo(k)fluoranthene	15.215	252	818690	43.080	ng	99
90) Benzo(a)pyrene	15.568	252	864565	55.256	ng	97
91) Dibenzo(a,h)anthracene	17.198	278	796587	49.549	ng	98
92) Benzo(g,h,i)perylene	17.651	276	820876	48.451	ng	100

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

