

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040722\
 Data File : BF127681.D
 Acq On : 07 Apr 2022 13:49
 Operator : CG\JU
 Sample : PB143804BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143804BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/08/2022
 Supervised By : Jagrut Upadhyay 04/08/2022

Quant Time: Apr 07 16:53:33 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 06 13:55:27 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	140173	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	523846	20.000	ng	# 0.00
39) Acenaphthene-d10	10.016	164	300982	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	563269	20.000	ng	0.00
76) Chrysene-d12	14.157	240	443654	20.000	ng	0.00
86) Perylene-d12	15.680	264	317278	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	976640	113.213	ng	0.01
7) Phenol-d6	6.587	99	1264117	112.014	ng	0.00
23) Nitrobenzene-d5	7.534	82	901312	76.705	ng	0.00
42) 2,4,6-Tribromophenol	10.810	330	415351	129.680	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1541533	72.455	ng	0.00
79) Terphenyl-d14	13.098	244	1920644	71.457	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.922	88	123009	30.063	ng	86
3) Pyridine	3.663	79	328323	30.465	ng	# 81
4) n-Nitrosodimethylamine	3.634	42	217004	37.442	ng	100
6) Aniline	6.628	93	483668	35.934	ng	96
8) 2-Chlorophenol	6.751	128	377004	43.083	ng	93
9) Benzaldehyde	6.516	77	211569	36.623	ng	97
10) Phenol	6.598	94	457750	40.565	ng	98
11) bis(2-Chloroethyl)ether	6.698	93	379271	40.698	ng	93
12) 1,3-Dichlorobenzene	6.904	146	394480	39.452	ng	99
13) 1,4-Dichlorobenzene	6.981	146	395873	39.166	ng	98
14) 1,2-Dichlorobenzene	7.134	146	381962	39.534	ng	98
15) Benzyl Alcohol	7.104	79	383418	38.863	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.240	45	561382	38.163	ng	97
17) 2-Methylphenol	7.210	107	317195	41.671	ng	99
18) Hexachloroethane	7.481	117	150364	38.986	ng	96
19) n-Nitroso-di-n-propyla...	7.381	70	294492	40.346	ng	96
20) 3+4-Methylphenols	7.363	107	391306	40.340	ng	# 68
22) Acetophenone	7.375	105	531574	37.763	ng	# 85
24) Nitrobenzene	7.551	77	451414	39.631	ng	99
25) Isophorone	7.787	82	842394	41.085	ng	99
26) 2-Nitrophenol	7.863	139	184042	44.960	ng	95
27) 2,4-Dimethylphenol	7.892	122	353374	44.092	ng	92
28) bis(2-Chloroethoxy)met...	7.998	93	472642	37.385	ng	99
29) 2,4-Dichlorophenol	8.104	162	338373	39.193	ng	95
30) 1,2,4-Trichlorobenzene	8.187	180	379033	38.147	ng	98
31) Naphthalene	8.275	128	1056028	38.472	ng	99
32) Benzoic acid	8.016	122	236937	40.749	ng	94
33) 4-Chloroaniline	8.316	127	204393	18.907	ng	97
34) Hexachlorobutadiene	8.387	225	257074	37.612	ng	99
35) Caprolactam	8.692	113	103664m	40.626	ng	
36) 4-Chloro-3-methylphenol	8.792	107	360692	39.849	ng	96
37) 2-Methylnaphthalene	8.963	142	719945	39.215	ng	100
38) 1-Methylnaphthalene	9.069	142	689005	38.882	ng	98
40) 1,2,4,5-Tetrachloroben...	9.128	216	379754	38.468	ng	# 98
41) Hexachlorocyclopentadiene	9.116	237	492443	82.811	ng	96
43) 2,4,6-Trichlorophenol	9.239	196	256027	38.201	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	264915	39.172	ng	98
46) 1,1'-Biphenyl	9.434	154	879551	38.211	ng	98
47) 2-Chloronaphthalene	9.457	162	694966	37.992	ng	99
48) 2-Nitroaniline	9.551	65	243434	42.848	ng	96
49) Acenaphthylene	9.875	152	1135398	40.807	ng	99
50) Dimethylphthalate	9.734	163	835254	38.285	ng	99
51) 2,6-Dinitrotoluene	9.792	165	180656	43.930	ng	96
52) Acenaphthene	10.051	154	749274	42.744	ng	98
53) 3-Nitroaniline	9.963	138	130573	30.055	ng	98
54) 2,4-Dinitrophenol	10.069	184	178555	87.098	ng	90
55) Dibenzofuran	10.222	168	964875	37.719	ng	95
56) 4-Nitrophenol	10.122	139	288791	84.631	ng	# 81
57) 2,4-Dinitrotoluene	10.198	165	244355	47.927	ng	94
58) Fluorene	10.563	166	738202	39.057	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.334	232	233210	39.574	ng	98
60) Diethylphthalate	10.434	149	786630	37.679	ng	98
61) 4-Chlorophenyl-phenyle...	10.557	204	391835	37.731	ng	99
62) 4-Nitroaniline	10.586	138	178512	43.628	ng	90
63) Azobenzene	10.716	77	853681	36.594	ng	97
65) 4,6-Dinitro-2-methylph...	10.604	198	113729	41.803	ng	94
66) n-Nitrosodiphenylamine	10.675	169	655275	36.938	ng	99
67) 4-Bromophenyl-phenylether	11.045	248	259396	37.945	ng	# 90
68) Hexachlorobenzene	11.110	284	298900	39.998	ng	96
69) Atrazine	11.204	200	249657	42.357	ng	99
70) Pentachlorophenol	11.304	266	344143	77.107	ng	97
71) Phenanthrene	11.533	178	1124169	37.668	ng	99
72) Anthracene	11.586	178	1137780	38.542	ng	98
73) Carbazole	11.739	167	1037472	37.506	ng	99
74) Di-n-butylphthalate	12.063	149	1193558	36.095	ng	98
75) Fluoranthene	12.722	202	1305945	40.101	ng	98
77) Benzidine	12.845	184	428316	36.989	ng	99
78) Pyrene	12.957	202	1328396	35.458	ng	99
80) Butylbenzylphthalate	13.569	149	492896	35.336	ng	94
81) Benzo(a)anthracene	14.145	228	1159555	39.133	ng	99
82) 3,3'-Dichlorobenzidine	14.104	252	293255	31.746	ng	97
83) Chrysene	14.186	228	1081892	38.037	ng	99
84) Bis(2-ethylhexyl)phtha...	14.127	149	641501	32.627	ng	99
85) Di-n-octyl phthalate	14.751	149	972498	33.827	ng	# 94
87) Indeno(1,2,3-cd)pyrene	17.245	276	761128	38.396	ng	99
88) Benzo(b)fluoranthene	15.227	252	978399	47.936	ng	98
89) Benzo(k)fluoranthene	15.263	252	836909	41.343	ng	98
90) Benzo(a)pyrene	15.616	252	811742	48.931	ng	98
91) Dibenzo(a,h)anthracene	17.268	278	655976	40.842	ng	97
92) Benzo(g,h,i)perylene	17.727	276	673571	40.907	ng	99

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

