

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050322\
 Data File : BF128042.D
 Acq On : 03 May 2022 13:25
 Operator : CG\JU
 Sample : PB144533BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144533BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/04/2022
 Supervised By : Jagrut Upadhyay 05/04/2022

Quant Time: May 04 04:26:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 04:23:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	121347	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	489782	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	286519	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	523678	20.000	ng	0.00
76) Chrysene-d12	14.110	240	346633	20.000	ng	0.00
86) Perylene-d12	15.610	264	262865	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	877196	115.139	ng	0.02
7) Phenol-d6	6.551	99	1144269	115.751	ng	0.00
23) Nitrobenzene-d5	7.487	82	844582	81.089	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	364703	126.444	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1366322	80.674	ng	0.00
79) Terphenyl-d14	13.045	244	1633002	86.144	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.840	88	105128	28.921	ng	95
3) Pyridine	3.599	79	290886	31.232	ng	98
4) n-Nitrosodimethylamine	3.563	42	190639	42.287	ng	94
6) Aniline	6.581	93	465218	39.609	ng	97
8) 2-Chlorophenol	6.704	128	341499	43.188	ng	98
9) Benzaldehyde	6.475	77	228906	37.430	ng	96
10) Phenol	6.569	94	427239m	42.851	ng	
11) bis(2-Chloroethyl)ether	6.657	93	349207	42.222	ng	99
12) 1,3-Dichlorobenzene	6.857	146	359163	39.460	ng	96
13) 1,4-Dichlorobenzene	6.934	146	367499	40.450	ng	96
14) 1,2-Dichlorobenzene	7.087	146	350465	41.670	ng	98
15) Benzyl Alcohol	7.063	79	338755	50.391	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.187	45	519908	41.129	ng	99
17) 2-Methylphenol	7.169	107	285210	41.805	ng	96
18) Hexachloroethane	7.428	117	143731	43.033	ng	98
19) n-Nitroso-di-n-propyla...	7.334	70	267278	44.168	ng	99
20) 3+4-Methylphenols	7.322	107	336272	40.802	ng	90
22) Acetophenone	7.328	105	481742	40.355	ng	# 87
24) Nitrobenzene	7.504	77	415258	41.375	ng	98
25) Isophorone	7.739	82	766470	43.723	ng	99
26) 2-Nitrophenol	7.816	139	183201	42.836	ng	96
27) 2,4-Dimethylphenol	7.851	122	315151	44.364	ng	97
28) bis(2-Chloroethoxy)met...	7.945	93	440817	39.237	ng	99
29) 2,4-Dichlorophenol	8.057	162	292704	39.331	ng	98
30) 1,2,4-Trichlorobenzene	8.139	180	324646	38.403	ng	98
31) Naphthalene	8.228	128	976370	39.140	ng	100
32) Benzoic acid	7.987	122	175970	34.560	ng	92
33) 4-Chloroaniline	8.275	127	305856	30.988	ng	98
34) Hexachlorobutadiene	8.334	225	216998	40.753	ng	98
35) Caprolactam	8.657	113	94839m	39.479	ng	
36) 4-Chloro-3-methylphenol	8.757	107	328183	41.291	ng	97
37) 2-Methylnaphthalene	8.916	142	659789	40.021	ng	100
38) 1-Methylnaphthalene	9.016	142	628094	39.196	ng	99
40) 1,2,4,5-Tetrachloroben...	9.081	216	324604	38.437	ng	98
41) Hexachlorocyclopentadiene	9.063	237	406586	88.861	ng	99
43) 2,4,6-Trichlorophenol	9.192	196	213521	38.425	ng	100

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44) 2,4,5-Trichlorophenol	9.239	196	225959	37.406	ng	97
46) 1,1'-Biphenyl	9.381	154	819039	38.591	ng	99
47) 2-Chloronaphthalene	9.410	162	603166	37.332	ng	97
48) 2-Nitroaniline	9.510	65	223711	40.933	ng	96
49) Acenaphthylene	9.828	152	976870	39.526	ng	100
50) Dimethylphthalate	9.686	163	742516	38.642	ng	99
51) 2,6-Dinitrotoluene	9.751	165	171490	41.220	ng	98
52) Acenaphthene	9.998	154	702723m	42.293	ng	
53) 3-Nitroaniline	9.922	138	139371	30.167	ng	97
54) 2,4-Dinitrophenol	10.033	184	178876	81.640	ng	88
55) Dibenzofuran	10.175	168	887660	37.028	ng	99
56) 4-Nitrophenol	10.086	139	250161	70.912	ng	88
57) 2,4-Dinitrotoluene	10.157	165	228641	41.489	ng	# 83
58) Fluorene	10.516	166	693253	38.755	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.286	232	194293	38.248	ng	99
60) Diethylphthalate	10.380	149	745278	39.553	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	345072	38.819	ng	98
62) 4-Nitroaniline	10.545	138	171287	37.924	ng	96
63) Azobenzene	10.663	77	798299	38.502	ng	98
65) 4,6-Dinitro-2-methylph...	10.569	198	126978	40.807	ng	98
66) n-Nitrosodiphenylamine	10.628	169	622831	38.223	ng	99
67) 4-Bromophenyl-phenylether	10.998	248	223268	38.460	ng	94
68) Hexachlorobenzene	11.063	284	246301	40.269	ng	98
69) Atrazine	11.151	200	228612	45.372	ng	96
70) Pentachlorophenol	11.263	266	253804	70.535	ng	98
71) Phenanthrene	11.486	178	1042268	38.022	ng	99
72) Anthracene	11.533	178	1057533	38.728	ng	99
73) Carbazole	11.692	167	940246	35.727	ng	99
74) Di-n-butylphthalate	12.010	149	1160329	39.209	ng	100
75) Fluoranthene	12.674	202	1099826	38.122	ng	98
77) Benzidine	12.798	184	561210	85.566	ng	98
78) Pyrene	12.904	202	1115705	39.872	ng	99
80) Butylbenzylphthalate	13.516	149	470192	42.871	ng	93
81) Benzo(a)anthracene	14.098	228	932156	40.346	ng	98
82) 3,3'-Dichlorobenzidine	14.057	252	222765	30.366	ng	99
83) Chrysene	14.133	228	841399	38.132	ng	99
84) Bis(2-ethylhexyl)phtha...	14.068	149	619298	42.580	ng	99
85) Di-n-octyl phthalate	14.686	149	925508	41.061	ng	100
87) Indeno(1,2,3-cd)pyrene	17.156	276	687432	39.180	ng	97
88) Benzo(b)fluoranthene	15.168	252	730657	44.255	ng	99
89) Benzo(k)fluoranthene	15.198	252	688881	41.415	ng	99
90) Benzo(a)pyrene	15.551	252	659021	48.121	ng	98
91) Dibenzo(a,h)anthracene	17.180	278	587292	41.736	ng	97
92) Benzo(g,h,i)perylene	17.633	276	611773	41.254	ng	98

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

