

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
 Data File : BF127035.D
 Acq On : 23 Feb 2022 13:01
 Operator : CG\JU
 Sample : PB142832BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142832BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/24/2022
 Supervised By : Jagrut Upadhyay 02/24/2022

Quant Time: Feb 24 02:15:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	97690	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	403961	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	206937	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	371613	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	214539	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	161274	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	748538	118.428	ng	0.01
7) Phenol-d6	6.540	99	988822	115.940	ng	0.00
23) Nitrobenzene-d5	7.475	82	701924	78.431	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	320155	134.372	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1149377	81.767	ng	0.00
79) Terphenyl-d14	13.027	244	1283734	87.963	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.793	88	84741	29.299	ng	# 94
3) Pyridine	3.557	79	211120	27.829	ng	# 87
4) n-Nitrosodimethylamine	3.522	42	155203	41.764	ng	# 65
6) Aniline	6.575	93	340390	33.684	ng	96
8) 2-Chlorophenol	6.693	128	302862	44.658	ng	99
9) Benzaldehyde	6.463	77	191939	36.971	ng	98
10) Phenol	6.551	94	364800m	42.331	ng	
11) bis(2-Chloroethyl)ether	6.646	93	283597	41.957	ng	98
12) 1,3-Dichlorobenzene	6.851	146	313344	42.832	ng	99
13) 1,4-Dichlorobenzene	6.928	146	315601	42.553	ng	98
14) 1,2-Dichlorobenzene	7.075	146	306802	43.379	ng	96
15) Benzyl Alcohol	7.051	79	299259	41.650	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.181	45	405463	38.095	ng	93
17) 2-Methylphenol	7.157	107	252823	43.089	ng	# 92
18) Hexachloroethane	7.416	117	127555	44.869	ng	95
19) n-Nitroso-di-n-propyla...	7.322	70	235248	42.806	ng	97
20) 3+4-Methylphenols	7.310	107	327149	42.938	ng	93
22) Acetophenone	7.316	105	440251	41.393	ng	94
24) Nitrobenzene	7.492	77	360479	42.638	ng	95
25) Isophorone	7.728	82	627525	42.374	ng	# 98
26) 2-Nitrophenol	7.804	139	159055	44.186	ng	# 73
27) 2,4-Dimethylphenol	7.840	122	278716	47.133	ng	88
28) bis(2-Chloroethoxy)met...	7.940	93	354564	39.492	ng	98
29) 2,4-Dichlorophenol	8.051	162	240825	43.317	ng	97
30) 1,2,4-Trichlorobenzene	8.134	180	258663	41.615	ng	99
31) Naphthalene	8.216	128	885733	42.003	ng	100
32) Benzoic acid	7.963	122	183837	43.835	ng	89
33) 4-Chloroaniline	8.257	127	145663	17.549	ng	94
34) Hexachlorobutadiene	8.322	225	155416	42.829	ng	97
35) Caprolactam	8.634	113	81108m	41.777	ng	
36) 4-Chloro-3-methylphenol	8.745	107	308208	43.377	ng	98
37) 2-Methylnaphthalene	8.904	142	581229	42.477	ng	97
38) 1-Methylnaphthalene	9.004	142	548848	41.887	ng	97
40) 1,2,4,5-Tetrachloroben...	9.069	216	241317	44.300	ng	98
41) Hexachlorocyclopentadiene	9.057	237	301024	101.889	ng	96
43) 2,4,6-Trichlorophenol	9.181	196	171608	42.953	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	184906	43.981	ng	91
46) 1,1'-Biphenyl	9.369	154	707281	43.139	ng	97
47) 2-Chloronaphthalene	9.398	162	512042	42.115	ng	95
48) 2-Nitroaniline	9.492	65	202714	42.252	ng	97
49) Acenaphthylene	9.816	152	875629	44.337	ng	98
50) Dimethylphthalate	9.669	163	626034	42.324	ng	99
51) 2,6-Dinitrotoluene	9.734	165	139000	46.189	ng	# 84
52) Acenaphthene	9.986	154	618278m	48.138	ng	
53) 3-Nitroaniline	9.904	138	92439	25.129	ng	# 98
54) 2,4-Dinitrophenol	10.016	184	150357	94.394	ng	# 80
55) Dibenzofuran	10.157	168	731435	41.415	ng	# 89
56) 4-Nitrophenol	10.069	139	246234	90.628	ng	# 74
57) 2,4-Dinitrotoluene	10.139	165	186780	45.904	ng	# 97
58) Fluorene	10.504	166	595720	43.303	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.275	232	147150	44.148	ng	# 95
60) Diethylphthalate	10.369	149	659952	42.699	ng	98
61) 4-Chlorophenyl-phenyle...	10.492	204	281945	43.464	ng	96
62) 4-Nitroaniline	10.528	138	152210	41.901	ng	# 79
63) Azobenzene	10.651	77	683764	39.730	ng	93
65) 4,6-Dinitro-2-methylph...	10.551	198	90896	41.629	ng	92
66) n-Nitrosodiphenylamine	10.610	169	518699	42.567	ng	98
67) 4-Bromophenyl-phenylether	10.981	248	179884	43.324	ng	92
68) Hexachlorobenzene	11.045	284	196849	44.039	ng	92
69) Atrazine	11.139	200	174250	46.106	ng	96
70) Pentachlorophenol	11.245	266	218320	89.475	ng	97
71) Phenanthrene	11.469	178	889657	42.772	ng	99
72) Anthracene	11.522	178	891796	43.068	ng	99
73) Carbazole	11.675	167	777376	40.938	ng	99
74) Di-n-butylphthalate	11.992	149	1012306	41.468	ng	98
75) Fluoranthene	12.657	202	862355	43.665	ng	95
77) Benzidine	12.775	184	311444m	53.419	ng	
78) Pyrene	12.892	202	854393	45.839	ng	99
80) Butylbenzylphthalate	13.498	149	376492	42.667	ng	90
81) Benzo(a)anthracene	14.074	228	614792	42.507	ng	100
82) 3,3'-Dichlorobenzidine	14.033	252	129404	28.390	ng	98
83) Chrysene	14.116	228	578585	42.540	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	481658	41.577	ng	# 97
85) Di-n-octyl phthalate	14.669	149	681377	40.851	ng	97
87) Indeno(1,2,3-cd)pyrene	17.110	276	478223	45.222	ng	# 83
88) Benzo(b)fluoranthene	15.145	252	487162	44.975	ng	# 92
89) Benzo(k)fluoranthene	15.174	252	460333	44.061	ng	# 94
90) Benzo(a)pyrene	15.521	252	452085	53.434	ng	# 94
91) Dibenzo(a,h)anthracene	17.133	278	415132	47.465	ng	# 89
92) Benzo(g,h,i)perylene	17.580	276	407901	47.307	ng	# 85

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

