

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052322\
 Data File : BF128395.D
 Acq On : 23 May 2022 12:27
 Operator : CG\JU
 Sample : PB145019BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145019BS

Manual Integrations
 APPROVED

Reviewed By : Christian
 Giraldo

Quant Time: May 24 01:21:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 05:28:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	122973	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	476035	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	209326	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	371940	20.000	ng	0.00
76) Chrysene-d12	14.045	240	288077	20.000	ng	0.00
86) Perylene-d12	15.533	264	223644	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	867210	112.224	ng	0.02
7) Phenol-d6	6.504	99	1100602	108.162	ng	0.00
23) Nitrobenzene-d5	7.434	82	802833	75.564	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	258183	119.597	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1205251	94.159	ng	0.00
79) Terphenyl-d14	12.980	244	1153315	77.284	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	129963	34.334	ng	99
3) Pyridine	3.534	79	288460	29.426	ng	98
4) n-Nitrosodimethylamine	3.499	42	205370	44.038	ng	99
6) Aniline	6.528	93	433891	37.281	ng	97
8) 2-Chlorophenol	6.646	128	359105	45.452	ng	98
9) Benzaldehyde	6.416	77	194514	35.182	ng	97
10) Phenol	6.516	94	442889	40.929	ng	88
11) bis(2-Chloroethyl)ether	6.598	93	372588	46.136	ng	99
12) 1,3-Dichlorobenzene	6.798	146	371481	41.870	ng	98
13) 1,4-Dichlorobenzene	6.875	146	374574	41.605	ng	98
14) 1,2-Dichlorobenzene	7.028	146	350606	42.000	ng	99
15) Benzyl Alcohol	7.010	79	343859	45.648	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	529261	44.442	ng	74
17) 2-Methylphenol	7.122	107	290486	43.781	ng	# 91
18) Hexachloroethane	7.363	117	143491	43.024	ng	96
19) n-Nitroso-di-n-propyla...	7.275	70	256607	42.166	ng	98
20) 3+4-Methylphenols	7.275	107	323946	40.552	ng	# 79
22) Acetophenone	7.275	105	473058	40.820	ng	# 85
24) Nitrobenzene	7.451	77	420522	42.288	ng	98
25) Isophorone	7.687	82	743838	45.685	ng	99
26) 2-Nitrophenol	7.763	139	189996	44.087	ng	97
27) 2,4-Dimethylphenol	7.798	122	300548	47.899	ng	98
28) bis(2-Chloroethoxy)met...	7.893	93	441817	42.934	ng	99
29) 2,4-Dichlorophenol	8.004	162	292433	42.996	ng	99
30) 1,2,4-Trichlorobenzene	8.081	180	324645	42.035	ng	99
31) Naphthalene	8.163	128	982461	42.351	ng	100
32) Benzoic acid	7.957	122	189191	42.347	ng	97
33) 4-Chloroaniline	8.216	127	280433	30.210	ng	98
34) Hexachlorobutadiene	8.269	225	206644	41.311	ng	99
35) Caprolactam	8.610	113	93744m	42.702	ng	
36) 4-Chloro-3-methylphenol	8.710	107	320639	43.504	ng	97
37) 2-Methylnaphthalene	8.857	142	665329	43.741	ng	98
38) 1-Methylnaphthalene	8.957	142	609089	41.630	ng	98
40) 1,2,4,5-Tetrachloroben...	9.022	216	319731	52.383	ng	98
41) Hexachlorocyclopentadiene	8.998	237	248692	109.417	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	195542	50.760	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	208941	50.989	ng	98
46) 1,1'-Biphenyl	9.322	154	806258	53.304	ng	100
47) 2-Chloronaphthalene	9.351	162	584318	52.080	ng	99
48) 2-Nitroaniline	9.457	65	216834	53.345	ng	95
49) Acenaphthylene	9.769	152	762034	45.391	ng	99
50) Dimethylphthalate	9.628	163	713162	53.484	ng	99
51) 2,6-Dinitrotoluene	9.698	165	161194	55.275	ng	94
52) Acenaphthene	9.939	154	455040	43.163	ng	99
53) 3-Nitroaniline	9.869	138	105051	32.002	ng	97
54) 2,4-Dinitrophenol	9.986	184	123388	83.428	ng	# 86
55) Dibenzofuran	10.110	168	663185	41.492	ng	97
56) 4-Nitrophenol	10.045	139	135538	71.787	ng	# 79
57) 2,4-Dinitrotoluene	10.104	165	166780	45.392	ng	# 61
58) Fluorene	10.457	166	544445	43.463	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.234	232	139039	41.308	ng	98
60) Diethylphthalate	10.328	149	581393	45.248	ng	100
61) 4-Chlorophenyl-phenyle...	10.439	204	266334	43.142	ng	94
62) 4-Nitroaniline	10.492	138	135129m	40.674	ng	
63) Azobenzene	10.604	77	641579	44.562	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	94082	41.156	ng	85
66) n-Nitrosodiphenylamine	10.569	169	477668	44.361	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	171403	44.034	ng	97
68) Hexachlorobenzene	10.998	284	192369	45.453	ng	98
69) Atrazine	11.092	200	173845	49.185	ng	96
70) Pentachlorophenol	11.204	266	142468	83.183	ng	97
71) Phenanthrene	11.422	178	802981	44.238	ng	100
72) Anthracene	11.475	178	817471	45.314	ng	100
73) Carbazole	11.633	167	716344	39.818	ng	99
74) Di-n-butylphthalate	11.945	149	898159	45.703	ng	99
75) Fluoranthene	12.616	202	844478	42.960	ng	96
77) Benzidine	12.733	184	289038	48.240	ng	99
78) Pyrene	12.845	202	854182	39.602	ng	100
80) Butylbenzylphthalate	13.451	149	415911	48.082	ng	98
81) Benzo(a)anthracene	14.033	228	795073	43.379	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	198673	47.500	ng	100
83) Chrysene	14.074	228	762802	43.698	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	534703	46.747	ng	99
85) Di-n-octyl phthalate	14.616	149	885912	48.198	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	548837	42.996	ng	97
88) Benzo(b)fluoranthene	15.098	252	671737	48.284	ng	98
89) Benzo(k)fluoranthene	15.127	252	613097	47.052	ng	99
90) Benzo(a)pyrene	15.468	252	614024	54.981	ng	98
91) Dibenzo(a,h)anthracene	17.057	278	462395	45.146	ng	97
92) Benzo(g,h,i)perylene	17.504	276	476813	44.623	ng	98

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

