

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032822\
 Data File : BF127540.D
 Acq On : 28 Mar 2022 14:04
 Operator : CG\JU
 Sample : PB143610BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143610BS

Quant Time: Mar 29 07:15:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/29/2022
 Supervised By : mohammad ahmed 03/29/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	92687	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	347487	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	199137	20.000	ng	0.00
64) Phenanthrene-d10	11.368	188	335863	20.000	ng	0.00
76) Chrysene-d12	14.015	240	213836	20.000	ng	0.00
86) Perylene-d12	15.492	264	178775	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	679071	116.947	ng	0.01
7) Phenol-d6	6.481	99	907759	114.367	ng	0.00
23) Nitrobenzene-d5	7.404	82	629444	77.430	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	230501	108.659	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1036083	75.974	ng	0.00
79) Terphenyl-d14	12.951	244	1078382	82.555	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	103549	40.602	ng	95
3) Pyridine	3.451	79	203057	28.209	ng	96
4) n-Nitrosodimethylamine	3.398	42	179112	45.320	ng	96
6) Aniline	6.504	93	352025	37.165	ng	96
8) 2-Chlorophenol	6.622	128	266370	44.890	ng	93
9) Benzaldehyde	6.392	77	164153	40.445	ng	97
10) Phenol	6.492	94	375566	43.448	ng	97
11) bis(2-Chloroethyl)ether	6.575	93	290122	45.869	ng	98
12) 1,3-Dichlorobenzene	6.775	146	280407	42.015	ng	97
13) 1,4-Dichlorobenzene	6.851	146	284163	42.328	ng	98
14) 1,2-Dichlorobenzene	7.004	146	269648	41.240	ng	98
15) Benzyl Alcohol	6.986	79	266616	46.221	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.104	45	517544	45.472	ng	76
17) 2-Methylphenol	7.098	107	221179	44.167	ng	# 94
18) Hexachloroethane	7.339	117	107900	43.902	ng	98
19) n-Nitroso-di-n-propyla...	7.251	70	209424	44.018	ng	98
20) 3+4-Methylphenols	7.251	107	266036	43.071	ng	96
22) Acetophenone	7.251	105	374490	42.160	ng	98
24) Nitrobenzene	7.428	77	333757	43.051	ng	96
25) Isophorone	7.663	82	577081	44.571	ng	99
26) 2-Nitrophenol	7.739	139	137614	42.324	ng	98
27) 2,4-Dimethylphenol	7.775	122	234880	48.023	ng	97
28) bis(2-Chloroethoxy)met...	7.869	93	353504	42.030	ng	99
29) 2,4-Dichlorophenol	7.980	162	233998	42.144	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	261824	40.467	ng	98
31) Naphthalene	8.139	128	767092	41.580	ng	99
32) Benzoic acid	7.933	122	108258	39.708	ng	97
33) 4-Chloroaniline	8.198	127	164280	22.980	ng	97
34) Hexachlorobutadiene	8.245	225	165271	40.226	ng	97
35) Caprolactam	8.580	113	74206m	43.352	ng	
36) 4-Chloro-3-methylphenol	8.686	107	259471	43.072	ng	97
37) 2-Methylnaphthalene	8.833	142	516166	43.512	ng	98
38) 1-Methylnaphthalene	8.927	142	476913	40.657	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	264370	41.753	ng	99
41) Hexachlorocyclopentadiene	8.975	237	158368	74.925	ng	95
43) 2,4,6-Trichlorophenol	9.116	196	155148	40.537	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	164257	41.692	ng	98
46) 1,1'-Biphenyl	9.292	154	629266	41.839	ng	99
47) 2-Chloronaphthalene	9.322	162	485548	40.996	ng	98
48) 2-Nitroaniline	9.427	65	193202	42.564	ng	98
49) Acenaphthylene	9.739	152	726569	40.579	ng	100
50) Dimethylphthalate	9.598	163	575930	41.572	ng	99
51) 2,6-Dinitrotoluene	9.669	165	122559	42.145	ng	96
52) Acenaphthene	9.910	154	436293	41.764	ng	99
53) 3-Nitroaniline	9.845	138	88021	27.593	ng	98
54) 2,4-Dinitrophenol	9.957	184	96111	67.063	ng	# 89
55) Dibenzofuran	10.080	168	630766	41.595	ng	100
56) 4-Nitrophenol	10.022	139	116766	71.919	ng	97
57) 2,4-Dinitrotoluene	10.080	165	154183	41.191	ng	92
58) Fluorene	10.427	166	514592	42.379	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	136721	39.250	ng	98
60) Diethylphthalate	10.298	149	523006	41.333	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	274631	38.356	ng	95
62) 4-Nitroaniline	10.469	138	115488	38.651	ng	97
63) Azobenzene	10.574	77	608956	40.786	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	79715	38.572	ng	93
66) n-Nitrosodiphenylamine	10.539	169	446859	43.707	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	166345	42.421	ng	94
68) Hexachlorobenzene	10.969	284	185796	43.407	ng	95
69) Atrazine	11.063	200	170429	50.073	ng	96
70) Pentachlorophenol	11.174	266	121666	74.158	ng	97
71) Phenanthrene	11.392	178	750144	42.841	ng	99
72) Anthracene	11.445	178	768427	44.223	ng	98
73) Carbazole	11.604	167	669892	40.313	ng	100
74) Di-n-butylphthalate	11.916	149	800921	46.563	ng	99
75) Fluoranthene	12.580	202	796663	41.366	ng	98
77) Benzidine	12.710	184	266499	52.268	ng	98
78) Pyrene	12.815	202	798854	43.530	ng	99
80) Butylbenzylphthalate	13.421	149	279752	46.316	ng	92
81) Benzo(a)anthracene	14.004	228	589726	41.239	ng	100
82) 3,3'-Dichlorobenzidine	13.962	252	125069	29.758	ng	98
83) Chrysene	14.039	228	576519	42.574	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	350566	50.210	ng	99
85) Di-n-octyl phthalate	14.580	149	527179	56.740	ng	100
87) Indeno(1,2,3-cd)pyrene	16.992	276	504007	41.664	ng	98
88) Benzo(b)fluoranthene	15.057	252	509165	45.170	ng	99
89) Benzo(k)fluoranthene	15.086	252	488110	41.770	ng	100
90) Benzo(a)pyrene	15.433	252	478044	51.675	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	440006	44.056	ng	98
92) Benzo(g,h,i)perylene	17.445	276	444301	43.039	ng	98

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

