

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041122\
 Data File : BF127732.D
 Acq On : 11 Apr 2022 12:04
 Operator : CG\JU
 Sample : PB144000BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144000BSD

Manual Integrations
 APPROVED

Reviewed By : Christian
 Giraldo

Quant Time: Apr 11 18:53:54 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							04/12/2022
1) 1,4-Dichlorobenzene-d4	6.963	152	141595	20.000	ng	0.00	Supervised By : Jagrut Opadhyay
21) Naphthalene-d8	8.251	136	519230	20.000	ng	# 0.00	
39) Acenaphthene-d10	10.016	164	301402	20.000	ng	0.00	
64) Phenanthrene-d10	11.510	188	566886	20.000	ng	0.00	
76) Chrysene-d12	14.163	240	448909	20.000	ng	# 0.00	
86) Perylene-d12	15.680	264	349303	20.000	ng	0.00	04/13/2022
System Monitoring Compounds							
5) 2-Fluorophenol	5.598	112	1139947	130.817	ng	0.02	
7) Phenol-d6	6.593	99	1472105	129.134	ng	0.01	
23) Nitrobenzene-d5	7.534	82	1047494	89.938	ng	0.00	
42) 2,4,6-Tribromophenol	10.810	330	498959	155.567	ng	0.00	
45) 2-Fluorobiphenyl	9.334	172	1769065	83.033	ng	0.00	
79) Terphenyl-d14	13.098	244	2292264	84.285	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	2.916	88	151079	36.552	ng		86
3) Pyridine	3.663	79	423047	38.861	ng	#	81
4) n-Nitrosodimethylamine	3.634	42	257059	43.908	ng		93
6) Aniline	6.634	93	604442	44.456	ng		94
8) 2-Chlorophenol	6.751	128	452500	51.191	ng		95
9) Benzaldehyde	6.522	77	308915	57.151	ng		93
10) Phenol	6.604	94	551463	48.378	ng		99
11) bis(2-Chloroethyl)ether	6.704	93	451114	47.921	ng		89
12) 1,3-Dichlorobenzene	6.910	146	480091	47.532	ng		94
13) 1,4-Dichlorobenzene	6.987	146	481876	47.196	ng		98
14) 1,2-Dichlorobenzene	7.134	146	459682	47.101	ng		98
15) Benzyl Alcohol	7.110	79	449017	45.054	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.234	45	648446	43.639	ng		97
17) 2-Methylphenol	7.210	107	379735	49.386	ng		99
18) Hexachloroethane	7.481	117	179285	46.017	ng		97
19) n-Nitroso-di-n-propyla...	7.381	70	335447	45.496	ng		96
20) 3+4-Methylphenols	7.363	107	450823	46.009	ng	#	66
22) Acetophenone	7.381	105	619446	44.396	ng	#	83
24) Nitrobenzene	7.551	77	533339	47.240	ng		97
25) Isophorone	7.787	82	981097	48.276	ng		98
26) 2-Nitrophenol	7.863	139	214355	52.831	ng		96
27) 2,4-Dimethylphenol	7.898	122	414256	52.148	ng		93
28) bis(2-Chloroethoxy)met...	7.998	93	552208	44.067	ng		99
29) 2,4-Dichlorophenol	8.104	162	408149	47.695	ng		96
30) 1,2,4-Trichlorobenzene	8.192	180	448511	45.540	ng		96
31) Naphthalene	8.275	128	1233082	45.321	ng		99
32) Benzoic acid	8.028	122	269199	46.709	ng		96
33) 4-Chloroaniline	8.316	127	294614	27.495	ng		98
34) Hexachlorobutadiene	8.387	225	300377	44.338	ng		98
35) Caprolactam	8.704	113	132016m	52.197	ng		
36) 4-Chloro-3-methylphenol	8.798	107	439870	49.029	ng		96
37) 2-Methylnaphthalene	8.969	142	834993	45.886	ng		99
38) 1-Methylnaphthalene	9.069	142	798783	45.478	ng		100
40) 1,2,4,5-Tetrachloroben...	9.134	216	451464	45.668	ng		99
41) Hexachlorocyclopentadiene	9.116	237	608692	102.217	ng		97
43) 2,4,6-Trichlorophenol	9.239	196	313261	46.675	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.281	196	331421	48.937	ng	98
46) 1,1'-Biphenyl	9.434	154	1043182	45.256	ng	99
47) 2-Chloronaphthalene	9.457	162	825344	45.056	ng	97
48) 2-Nitroaniline	9.557	65	295817	51.996	ng	90
49) Acenaphthylene	9.881	152	1363700	48.944	ng	99
50) Dimethylphthalate	9.734	163	1042628	47.724	ng	99
51) 2,6-Dinitrotoluene	9.798	165	224616	54.544	ng	92
52) Acenaphthene	10.051	154	909804	51.829	ng	97
53) 3-Nitroaniline	9.969	138	157284	36.153	ng	93
54) 2,4-Dinitrophenol	10.075	184	234119	112.401	ng	95
55) Dibenzofuran	10.222	168	1183560	46.204	ng	96
56) 4-Nitrophenol	10.128	139	367705	107.606	ng	88
57) 2,4-Dinitrotoluene	10.204	165	305821	59.899	ng	# 86
58) Fluorene	10.569	166	894953	47.285	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.334	232	289910	49.127	ng	99
60) Diethylphthalate	10.439	149	970707	46.431	ng	100
61) 4-Chlorophenyl-phenyle...	10.557	204	480564	46.211	ng	99
62) 4-Nitroaniline	10.592	138	234241	57.169	ng	92
63) Azobenzene	10.716	77	1029602	44.073	ng	96
65) 4,6-Dinitro-2-methylph...	10.610	198	152572	55.722	ng	92
66) n-Nitrosodiphenylamine	10.681	169	823649	46.133	ng	99
67) 4-Bromophenyl-phenylether	11.051	248	327299	47.573	ng	98
68) Hexachlorobenzene	11.110	284	379386	50.445	ng	95
69) Atrazine	11.204	200	317610	53.543	ng	98
70) Pentachlorophenol	11.310	266	434988	96.840	ng	98
71) Phenanthrene	11.533	178	1400700	46.635	ng	99
72) Anthracene	11.586	178	1433619	48.253	ng	99
73) Carbazole	11.739	167	1305759	46.903	ng	99
74) Di-n-butylphthalate	12.063	149	1481715	44.523	ng	99
75) Fluoranthene	12.727	202	1639664	50.027	ng	99
77) Benzidine	12.851	184	867143	74.008	ng	99
78) Pyrene	12.957	202	1666831	43.971	ng	99
80) Butylbenzylphthalate	13.569	149	627997	44.494	ng	95
81) Benzo(a)anthracene	14.151	228	1495488	49.879	ng	98
82) 3,3'-Dichlorobenzidine	14.110	252	378749	40.521	ng	97
83) Chrysene	14.186	228	1373342	47.718	ng	98
84) Bis(2-ethylhexyl)phtha...	14.127	149	824259	41.431	ng	98
85) Di-n-octyl phthalate	14.751	149	1272360	43.740	ng	# 93
87) Indeno(1,2,3-cd)pyrene	17.257	276	1023843	46.913	ng	99
88) Benzo(b)fluoranthene	15.233	252	1232524	54.850	ng	99
89) Benzo(k)fluoranthene	15.263	252	1171799	52.579	ng	98
90) Benzo(a)pyrene	15.621	252	1102270	60.352	ng	99
91) Dibenzo(a,h)anthracene	17.280	278	876712	49.580	ng	97
92) Benzo(g,h,i)perylene	17.739	276	900893	49.696	ng	98

04/12/2022
 Supervised By : Jagrut
 Upadhyay

04/13/2022

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

