

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081522\
 Data File : BF129784.D
 Acq On : 15 Aug 2022 17:01
 Operator : CG\JU
 Sample : PB147018BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147018BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/16/2022
 Supervised By : Jagrut Upadhyay 08/16/2022

Quant Time: Aug 16 03:14:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	163678	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	683523	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	364315	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	615237	20.000	ng	0.00
76) Chrysene-d12	14.004	240	380374	20.000	ng	0.00
86) Perylene-d12	15.468	264	307224	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1112848	112.571	ng	0.00
7) Phenol-d6	6.481	99	1356139	109.545	ng	0.00
23) Nitrobenzene-d5	7.392	82	891685	69.835	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	401799	109.888	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1671498	69.684	ng	0.00
79) Terphenyl-d14	12.939	244	1811792	79.256	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.605	88	119756	29.363	ng	99
3) Pyridine	3.393	79	322225	30.190	ng	98
4) n-Nitrosodimethylamine	3.334	42	197176	40.086	ng	99
6) Aniline	6.493	93	549049	38.913	ng	93
8) 2-Chlorophenol	6.622	128	443714	40.319	ng	100
9) Benzaldehyde	6.381	77	254143	38.007	ng	99
10) Phenol	6.493	94	533351	39.276	ng	93
11) bis(2-Chloroethyl)ether	6.563	93	426034	41.315	ng	99
12) 1,3-Dichlorobenzene	6.763	146	468428	39.427	ng	98
13) 1,4-Dichlorobenzene	6.840	146	471645	38.852	ng	98
14) 1,2-Dichlorobenzene	6.993	146	449344	39.854	ng	99
15) Benzyl Alcohol	6.981	79	354659	37.949	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.098	45	556366	40.265	ng	96
17) 2-Methylphenol	7.098	107	360304	40.774	ng	99
18) Hexachloroethane	7.328	117	182389	40.009	ng	97
19) n-Nitroso-di-n-propyla...	7.240	70	312350	39.917	ng	98
20) 3+4-Methylphenols	7.251	107	457260	38.550	ng	99
22) Acetophenone	7.240	105	631551	37.915	ng	100
24) Nitrobenzene	7.416	77	467673	36.323	ng	99
25) Isophorone	7.651	82	849016	38.633	ng	99
26) 2-Nitrophenol	7.728	139	242610	38.308	ng	100
27) 2,4-Dimethylphenol	7.769	122	385693	42.466	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	526063	40.997	ng	99
29) 2,4-Dichlorophenol	7.981	162	370354	37.292	ng	98
30) 1,2,4-Trichlorobenzene	8.045	180	374608	35.755	ng	97
31) Naphthalene	8.128	128	1282249	35.878	ng	100
32) Benzoic acid	7.916	122	137413	36.717	ng	94
33) 4-Chloroaniline	8.187	127	516295	36.736	ng	98
34) Hexachlorobutadiene	8.239	225	228552	35.826	ng	99
35) Caprolactam	8.569	113	118386m	38.333	ng	
36) 4-Chloro-3-methylphenol	8.681	107	404025	37.710	ng	98
37) 2-Methylnaphthalene	8.822	142	849209	36.204	ng	99
38) 1-Methylnaphthalene	8.922	142	800194	35.102	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	381327	37.633	ng	99
41) Hexachlorocyclopentadiene	8.969	237	306858	88.028	ng	99
43) 2,4,6-Trichlorophenol	9.110	196	235065	35.705	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	254023	35.864	ng	98
46) 1,1'-Biphenyl	9.286	154	1035640	37.419	ng	99
47) 2-Chloronaphthalene	9.310	162	791634	36.150	ng	97
48) 2-Nitroaniline	9.416	65	260127	37.588	ng	99
49) Acenaphthylene	9.728	152	1200542	36.153	ng	99
50) Dimethylphthalate	9.586	163	968708	37.092	ng	99
51) 2,6-Dinitrotoluene	9.657	165	216676	38.246	ng	98
52) Acenaphthene	9.898	154	727798	36.124	ng	99
53) 3-Nitroaniline	9.834	138	195663	31.230	ng	99
54) 2,4-Dinitrophenol	9.951	184	192864	75.618	ng	90
55) Dibenzofuran	10.075	168	1102916	36.439	ng	99
56) 4-Nitrophenol	10.022	139	207188	74.334	ng	98
57) 2,4-Dinitrotoluene	10.069	165	278386	37.854	ng	99
58) Fluorene	10.416	166	900119	35.616	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	195017	37.518	ng	# 84
60) Diethylphthalate	10.286	149	954160	36.641	ng	99
61) 4-Chlorophenyl-phenylether	10.404	204	421358	37.152	ng	99
62) 4-Nitroaniline	10.451	138	227674m	36.021	ng	
63) Azobenzene	10.563	77	899123	36.122	ng	99
65) 4,6-Dinitro-2-methylph...	10.481	198	137133	37.968	ng	97
66) n-Nitrosodiphenylamine	10.528	169	785328	37.819	ng	98
67) 4-Bromophenyl-phenylether	10.892	248	270508	37.539	ng	98
68) Hexachlorobenzene	10.963	284	298035	38.181	ng	98
69) Atrazine	11.057	200	251980	39.536	ng	98
70) Pentachlorophenol	11.169	266	156849	67.875	ng	98
71) Phenanthrene	11.380	178	1279311	37.232	ng	99
72) Anthracene	11.433	178	1295115	37.902	ng	100
73) Carbazole	11.592	167	1180781	38.067	ng	99
74) Di-n-butylphthalate	11.904	149	1494138	37.427	ng	99
75) Fluoranthene	12.575	202	1287066	36.605	ng	100
77) Benzidine	12.698	184	607907	69.503	ng	100
78) Pyrene	12.804	202	1275718	38.595	ng	99
80) Butylbenzylphthalate	13.410	149	525101	37.543	ng	98
81) Benzo(a)anthracene	13.992	228	956200	36.543	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	287542	35.482	ng	99
83) Chrysene	14.033	228	881627	35.994	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	624997	37.664	ng	99
85) Di-n-octyl phthalate	14.574	149	885914	38.674	ng	100
87) Indeno(1,2,3-cd)pyrene	16.957	276	870289	41.263	ng	99
88) Benzo(b)fluoranthene	15.045	252	786687	37.395	ng	99
89) Benzo(k)fluoranthene	15.074	252	745684	36.961	ng	99
90) Benzo(a)pyrene	15.410	252	669905	40.437	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	763729	43.886	ng	98
92) Benzo(g,h,i)perylene	17.409	276	770823	44.397	ng	98

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

