

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
 Data File : BF129629.D
 Acq On : 08 Aug 2022 13:04
 Operator : CG\JU
 Sample : PB146630BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146630BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/09/2022
 Supervised By : Jagrut Upadhyay 08/09/2022

Quant Time: Aug 08 14:37:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 16:27:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	189203	20.000	ng	-0.01
21) Naphthalene-d8	8.128	136	791565	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	416900	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	677114	20.000	ng	0.00
76) Chrysene-d12	14.027	240	417967	20.000	ng	0.00
86) Perylene-d12	15.498	264	348684	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1477316	127.194	ng	0.01
7) Phenol-d6	6.498	99	1816604	124.434	ng	0.00
23) Nitrobenzene-d5	7.416	82	1246089	85.934	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	513795	128.187	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	2230251	82.756	ng	0.00
79) Terphenyl-d14	12.963	244	2272397	102.569	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.716	88	177647	33.900	ng	89
3) Pyridine	3.493	79	442202	30.386	ng	90
4) n-Nitrosodimethylamine	3.440	42	274740	42.992	ng	# 90
6) Aniline	6.510	93	583940	32.175	ng	# 16
8) 2-Chlorophenol	6.640	128	625563	49.299	ng	95
9) Benzaldehyde	6.398	77	270616	27.296	ng	100
10) Phenol	6.510	94	711191m	45.746	ng	
11) bis(2-Chloroethyl)ether	6.581	93	596967	48.418	ng	93
12) 1,3-Dichlorobenzene	6.781	146	637489	46.842	ng	99
13) 1,4-Dichlorobenzene	6.863	146	638987	46.167	ng	99
14) 1,2-Dichlorobenzene	7.010	146	612980	48.183	ng	98
15) Benzyl Alcohol	6.998	79	532429	50.286	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	770077	41.551	ng	# 5
17) 2-Methylphenol	7.110	107	485051	46.077	ng	# 89
18) Hexachloroethane	7.351	117	249968	47.964	ng	92
19) n-Nitroso-di-n-propyla...	7.263	70	428310	48.462	ng	90
20) 3+4-Methylphenols	7.269	107	609341	45.525	ng	# 84
22) Acetophenone	7.257	105	850776	46.165	ng	98
24) Nitrobenzene	7.434	77	644387	43.155	ng	95
25) Isophorone	7.669	82	1189660	45.770	ng	99
26) 2-Nitrophenol	7.745	139	339033	46.024	ng	95
27) 2,4-Dimethylphenol	7.786	122	569003m	51.495	ng	
28) bis(2-Chloroethoxy)met...	7.875	93	733254	48.630	ng	98
29) 2,4-Dichlorophenol	7.992	162	509674	44.689	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	535713	45.380	ng	97
31) Naphthalene	8.151	128	1740896	43.288	ng	99
32) Benzoic acid	7.939	122	260058	32.555	ng	95
33) 4-Chloroaniline	8.198	127	450521	27.286	ng	98
34) Hexachlorobutadiene	8.257	225	315468	47.012	ng	99
35) Caprolactam	8.592	113	160389m	43.256	ng	
36) 4-Chloro-3-methylphenol	8.704	107	547469	45.260	ng	94
37) 2-Methylnaphthalene	8.839	142	1148290	43.937	ng	99
38) 1-Methylnaphthalene	8.939	142	1088358	43.139	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	502722	45.924	ng	98
41) Hexachlorocyclopentadiene	8.992	237	461563	94.688	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	331270	41.665	ng	98

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44) 2,4,5-Trichlorophenol	9.181	196	345571	39.967	ng	96
46) 1,1'-Biphenyl	9.310	154	1367193	44.936	ng	98
47) 2-Chloronaphthalene	9.333	162	1067225	43.390	ng	99
48) 2-Nitroaniline	9.439	65	337970	41.323	ng	87
49) Acenaphthylene	9.751	152	1659141	44.394	ng	100
50) Dimethylphthalate	9.610	163	1275946	44.335	ng	100
51) 2,6-Dinitrotoluene	9.680	165	282355	43.834	ng	97
52) Acenaphthene	9.922	154	1139667m	46.688	ng	
53) 3-Nitroaniline	9.851	138	207752	27.313	ng	# 93
54) 2,4-Dinitrophenol	9.963	184	263735	80.202	ng	93
55) Dibenzofuran	10.092	168	1430362	42.507	ng	94
56) 4-Nitrophenol	10.039	139	323495	57.647	ng	99
57) 2,4-Dinitrotoluene	10.086	165	361278	42.933	ng	97
58) Fluorene	10.439	166	1158385	43.024	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	255050	38.171	ng	94
60) Diethylphthalate	10.310	149	1267562	45.561	ng	99
61) 4-Chlorophenyl-phenyle...	10.427	204	545860	45.988	ng	94
62) 4-Nitroaniline	10.475	138	278470	36.905	ng	95
63) Azobenzene	10.586	77	1192652	42.029	ng	95
65) 4,6-Dinitro-2-methylph...	10.498	198	184712	43.220	ng	94
66) n-Nitrosodiphenylamine	10.551	169	1019810	45.225	ng	96
67) 4-Bromophenyl-phenylether	10.916	248	357721	48.245	ng	95
68) Hexachlorobenzene	10.986	284	387117	48.185	ng	98
69) Atrazine	11.080	200	313894	45.829	ng	96
70) Pentachlorophenol	11.186	266	298528	68.352	ng	99
71) Phenanthrene	11.404	178	1617227	43.754	ng	99
72) Anthracene	11.457	178	1621305	44.636	ng	99
73) Carbazole	11.616	167	1468063	42.936	ng	99
74) Di-n-butylphthalate	11.927	149	1947499	47.828	ng	99
75) Fluoranthene	12.592	202	1605380	42.866	ng	98
77) Benzidine	12.716	184	441200	29.880	ng	98
78) Pyrene	12.827	202	1614508	46.193	ng	99
80) Butylbenzylphthalate	13.433	149	750241	49.488	ng	96
81) Benzo(a)anthracene	14.015	228	1262993	44.236	ng	100
82) 3,3'-Dichlorobenzidine	13.974	252	329957	35.002	ng	97
83) Chrysene	14.051	228	1151727	42.802	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	1036041	51.909	ng	99
85) Di-n-octyl phthalate	14.598	149	1542709	53.713	ng	96
87) Indeno(1,2,3-cd)pyrene	16.998	276	1088724	46.367	ng	99
88) Benzo(b)fluoranthene	15.068	252	1088858	47.077	ng	99
89) Benzo(k)fluoranthene	15.098	252	1070530	47.231	ng	99
90) Benzo(a)pyrene	15.439	252	1009006	53.740	ng	98
91) Dibenzo(a,h)anthracene	17.004	278	960039	50.235	ng	99
92) Benzo(g,h,i)perylene	17.451	276	955941	48.951	ng	99

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

