

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052622\
 Data File : BF128489.D
 Acq On : 26 May 2022 23:24
 Operator : CG\JU
 Sample : PB145064BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145064BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/27/2022
 Supervised By : Jagrut Upadhyay 05/27/2022

Quant Time: May 27 04:25:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	245244	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	965840	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	538068	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	978765	20.000	ng	0.00
76) Chrysene-d12	14.010	240	628996	20.000	ng	0.00
86) Perylene-d12	15.474	264	528436	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1693305	114.368	ng	0.02
7) Phenol-d6	6.475	99	2093274	110.885	ng	0.00
23) Nitrobenzene-d5	7.410	82	1397922	83.496	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	585930	114.406	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	2503009	75.576	ng	0.00
79) Terphenyl-d14	12.963	244	2743193	84.257	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	212162	32.136	ng	99
3) Pyridine	3.469	79	586445	34.311	ng	98
4) n-Nitrosodimethylamine	3.428	42	389759	43.516	ng	94
6) Aniline	6.504	93	846375	38.421	ng	99
8) 2-Chlorophenol	6.622	128	687821	44.803	ng	96
9) Benzaldehyde	6.392	77	381848	49.070	ng	98
10) Phenol	6.487	94	782166m	41.813	ng	
11) bis(2-Chloroethyl)ether	6.581	93	641676	41.903	ng	99
12) 1,3-Dichlorobenzene	6.781	146	713001	40.877	ng	99
13) 1,4-Dichlorobenzene	6.857	146	714391	40.492	ng	99
14) 1,2-Dichlorobenzene	7.010	146	701238	43.185	ng	99
15) Benzyl Alcohol	6.986	79	615509m	42.749	ng	
16) 2,2'-oxybis(1-Chloropr...	7.116	45	1139515	42.046	ng	99
17) 2-Methylphenol	7.092	107	558350	42.732	ng	99
18) Hexachloroethane	7.357	117	267138	42.925	ng	99
19) n-Nitroso-di-n-propyla...	7.263	70	474773	41.018	ng	100
20) 3+4-Methylphenols	7.245	107	636158	40.300	ng	94
22) Acetophenone	7.257	105	875118	39.295	ng	99
24) Nitrobenzene	7.428	77	718419	43.404	ng	98
25) Isophorone	7.663	82	1367378	44.273	ng	99
26) 2-Nitrophenol	7.739	139	329621	47.648	ng	99
27) 2,4-Dimethylphenol	7.775	122	642186	46.703	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	793282	39.576	ng	98
29) 2,4-Dichlorophenol	7.975	162	574345	40.360	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	616648	40.005	ng	99
31) Naphthalene	8.145	128	1903193	40.261	ng	100
32) Benzoic acid	7.904	122	448742	46.166	ng	98
33) 4-Chloroaniline	8.192	127	540270	28.704	ng	99
34) Hexachlorobutadiene	8.263	225	390533	40.127	ng	99
35) Caprolactam	8.575	113	180745m	41.190	ng	
36) 4-Chloro-3-methylphenol	8.675	107	602170	41.191	ng	100
37) 2-Methylnaphthalene	8.839	142	1211396	40.599	ng	100
38) 1-Methylnaphthalene	8.939	142	1163203	40.082	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	550955	37.288	ng	99
41) Hexachlorocyclopentadiene	8.992	237	747477	89.996	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	424164	38.929	ng	96

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44) 2,4,5-Trichlorophenol	9.151	196	462840	41.226	ng	96
46) 1,1'-Biphenyl	9.304	154	1479139	39.149	ng	100
47) 2-Chloronaphthalene	9.328	162	1168559	39.400	ng	100
48) 2-Nitroaniline	9.422	65	392675	47.612	ng	99
49) Acenaphthylene	9.745	152	1916949	42.073	ng	100
50) Dimethylphthalate	9.610	163	1403385	40.209	ng	99
51) 2,6-Dinitrotoluene	9.669	165	308814	48.278	ng	91
52) Acenaphthene	9.916	154	1241318	44.157	ng	99
53) 3-Nitroaniline	9.839	138	263514	35.671	ng	90
54) 2,4-Dinitrophenol	9.939	184	281340	86.142	ng	97
55) Dibenzofuran	10.092	168	1611493	38.637	ng	96
56) 4-Nitrophenol	9.998	139	517745	86.371	ng	82
57) 2,4-Dinitrotoluene	10.075	165	399430	52.194	ng	96
58) Fluorene	10.433	166	1188244	39.573	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	368690	40.524	ng	99
60) Diethylphthalate	10.316	149	1382733	40.783	ng	99
61) 4-Chlorophenyl-phenyle...	10.427	204	588013	38.597	ng	99
62) 4-Nitroaniline	10.457	138	330726	46.760	ng	100
63) Azobenzene	10.586	77	1370929	39.718	ng	99
65) 4,6-Dinitro-2-methylph...	10.480	198	184299	41.577	ng	89
66) n-Nitrosodiphenylamine	10.545	169	1181902	40.333	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	405799	40.129	ng	97
68) Hexachlorobenzene	10.980	284	458623	41.069	ng	# 90
69) Atrazine	11.074	200	403453	44.362	ng	98
70) Pentachlorophenol	11.169	266	526893	77.426	ng	99
71) Phenanthrene	11.398	178	1860879	40.135	ng	99
72) Anthracene	11.451	178	1888987	40.787	ng	99
73) Carbazole	11.598	167	1726751	38.904	ng	99
74) Di-n-butylphthalate	11.933	149	2123264	40.644	ng	99
75) Fluoranthene	12.580	202	2015889	40.668	ng	100
77) Benzidine	12.704	184	991474	68.339	ng	100
78) Pyrene	12.816	202	2019209	42.612	ng	99
80) Butylbenzylphthalate	13.439	149	870380	43.547	ng	93
81) Benzo(a)anthracene	14.004	228	1508187	40.341	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	466864	48.768	ng	97
83) Chrysene	14.039	228	1582555	41.334	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	1050025	43.436	ng	100
85) Di-n-octyl phthalate	14.615	149	1888749	44.386	ng	100
87) Indeno(1,2,3-cd)pyrene	16.933	276	1343071	43.092	ng	99
88) Benzo(b)fluoranthene	15.051	252	1485744	45.197	ng	99
89) Benzo(k)fluoranthene	15.080	252	1350786	44.351	ng	100
90) Benzo(a)pyrene	15.415	252	1331758	50.495	ng	99
91) Dibenzo(a,h)anthracene	16.956	278	1174862	45.463	ng	99
92) Benzo(g,h,i)perylene	17.380	276	1168719	45.596	ng	99

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

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