

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080422\
 Data File : BF129567.D
 Acq On : 04 Aug 2022 12:26
 Operator : CG\JU
 Sample : PB146631BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146631BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/05/2022
 Supervised By : Jagrut Upadhyay 08/05/2022

Quant Time: Aug 05 02:08:05 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 02:05:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	202278	20.000	ng	0.00
21) Naphthalene-d8	8.146	136	820511	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	437376	20.000	ng	0.00
64) Phenanthrene-d10	11.393	188	725679	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	448721	20.000	ng	0.00
86) Perylene-d12	15.516	264	373471	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	1401168	112.840	ng	0.01
7) Phenol-d6	6.516	99	1739176	111.430	ng	0.00
23) Nitrobenzene-d5	7.434	82	1130474	75.210	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	503438	119.722	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	2038662	72.105	ng	0.00
79) Terphenyl-d14	12.981	244	2134912	89.759	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.699	88	153279	27.359	ng	89
3) Pyridine	3.493	79	424942	27.313	ng	92
4) n-Nitrosodimethylamine	3.434	42	258570	37.847	ng	# 93
6) Aniline	6.528	93	665434	34.295	ng	# 16
8) 2-Chlorophenol	6.658	128	578047	42.609	ng	95
9) Benzaldehyde	6.416	77	298602	28.172	ng	98
10) Phenol	6.528	94	673499m	40.521	ng	
11) bis(2-Chloroethyl)ether	6.599	93	539726	40.946	ng	93
12) 1,3-Dichlorobenzene	6.805	146	575160	39.531	ng	98
13) 1,4-Dichlorobenzene	6.881	146	581630	39.307	ng	98
14) 1,2-Dichlorobenzene	7.034	146	560597	41.217	ng	99
15) Benzyl Alcohol	7.016	79	497675	43.965	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	745477	37.624	ng	76
17) 2-Methylphenol	7.128	107	452260	40.185	ng	# 92
18) Hexachloroethane	7.369	117	229074	41.114	ng	# 87
19) n-Nitroso-di-n-propyla...	7.281	70	387876	41.050	ng	93
20) 3+4-Methylphenols	7.281	107	562891	39.337	ng	# 90
22) Acetophenone	7.275	105	775081	40.574	ng	96
24) Nitrobenzene	7.452	77	595972	38.504	ng	96
25) Isophorone	7.687	82	1102311	40.913	ng	99
26) 2-Nitrophenol	7.763	139	310067	40.607	ng	97
27) 2,4-Dimethylphenol	7.805	122	515805m	45.034	ng	
28) bis(2-Chloroethoxy)met...	7.893	93	677005	43.316	ng	98
29) 2,4-Dichlorophenol	8.010	162	469517	39.716	ng	99
30) 1,2,4-Trichlorobenzene	8.087	180	471096	38.499	ng	95
31) Naphthalene	8.169	128	1599963	38.380	ng	100
32) Benzoic acid	7.946	122	246227	29.736	ng	98
33) 4-Chloroaniline	8.222	127	582958	34.062	ng	97
34) Hexachlorobutadiene	8.281	225	281162	40.422	ng	99
35) Caprolactam	8.604	113	156294m	40.665	ng	
36) 4-Chloro-3-methylphenol	8.716	107	520414	41.505	ng	95
37) 2-Methylnaphthalene	8.863	142	1056232	38.989	ng	99
38) 1-Methylnaphthalene	8.957	142	1007610	38.529	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	462312	40.255	ng	97
41) Hexachlorocyclopentadiene	9.010	237	461709	90.284	ng	99
43) 2,4,6-Trichlorophenol	9.146	196	319696	38.327	ng	97

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44) 2,4,5-Trichlorophenol	9.193	196	342727	37.783	ng	94
46) 1,1'-Biphenyl	9.328	154	1277466	40.021	ng	99
47) 2-Chloronaphthalene	9.351	162	1007865	39.059	ng	100
48) 2-Nitroaniline	9.451	65	332499	38.751	ng	95
49) Acenaphthylene	9.769	152	1521199	38.797	ng	100
50) Dimethylphthalate	9.628	163	1224100	40.542	ng	100
51) 2,6-Dinitrotoluene	9.693	165	272797	40.367	ng	92
52) Acenaphthene	9.940	154	1104619m	43.134	ng	
53) 3-Nitroaniline	9.869	138	237042	29.705	ng	92
54) 2,4-Dinitrophenol	9.981	184	276978	80.286	ng	# 87
55) Dibenzofuran	10.110	168	1390145	39.378	ng	96
56) 4-Nitrophenol	10.051	139	375496	63.781	ng	99
57) 2,4-Dinitrotoluene	10.104	165	358422	40.600	ng	98
58) Fluorene	10.457	166	1124087	39.796	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.234	232	258569m	36.886	ng	
60) Diethylphthalate	10.328	149	1188793	40.729	ng	100
61) 4-Chlorophenyl-phenyle...	10.446	204	512554	41.160	ng	95
62) 4-Nitroaniline	10.487	138	289852	36.615	ng	98
63) Azobenzene	10.604	77	1148291	38.572	ng	95
65) 4,6-Dinitro-2-methylph...	10.516	198	182224	39.784	ng	85
66) n-Nitrosodiphenylamine	10.569	169	983667	40.703	ng	97
67) 4-Bromophenyl-phenylether	10.934	248	332974	41.902	ng	94
68) Hexachlorobenzene	11.004	284	369497	42.914	ng	97
69) Atrazine	11.098	200	331460	45.155	ng	98
70) Pentachlorophenol	11.204	266	306761	65.537	ng	98
71) Phenanthrene	11.422	178	1557739	39.324	ng	99
72) Anthracene	11.475	178	1587447	40.779	ng	99
73) Carbazole	11.628	167	1470813	40.137	ng	99
74) Di-n-butylphthalate	11.945	149	1851756	42.433	ng	99
75) Fluoranthene	12.610	202	1570951	39.140	ng	99
77) Benzidine	12.728	184	695035	43.845	ng	98
78) Pyrene	12.840	202	1565921	41.732	ng	99
80) Butylbenzylphthalate	13.445	149	701804	43.120	ng	97
81) Benzo(a)anthracene	14.028	228	1209975	39.475	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	357708	35.345	ng	# 98
83) Chrysene	14.069	228	1116941	38.664	ng	100
84) Bis(2-ethylhexyl)phtha...	13.998	149	935884	43.677	ng	100
85) Di-n-octyl phthalate	14.610	149	1377000	44.658	ng	97
87) Indeno(1,2,3-cd)pyrene	17.016	276	1040196	41.360	ng	99
88) Benzo(b)fluoranthene	15.081	252	1103300	44.536	ng	99
89) Benzo(k)fluoranthene	15.116	252	985811	40.606	ng	99
90) Benzo(a)pyrene	15.457	252	904249	44.964	ng	100
91) Dibenzo(a,h)anthracene	17.033	278	906979	44.308	ng	100
92) Benzo(g,h,i)perylene	17.474	276	906049	43.317	ng	100

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

