

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
 Data File : BF132518.D
 Acq On : 23 Feb 2023 13:49
 Operator : CG\JU
 Sample : PB151028BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 24 00:35:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 23 00:59:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 02/24/2023
 Supervised By : Jagrut Upadhyay 02/24/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.007	152	223134	20.000	ng	0.00
21) Naphthalene-d8	8.295	136	795755	20.000	ng	0.00
39) Acenaphthene-d10	10.060	164	426828	20.000	ng	0.00
64) Phenanthrene-d10	11.554	188	823368	20.000	ng	0.00
76) Chrysene-d12	14.213	240	525827	20.000	ng	# 0.00
86) Perylene-d12	15.765	264	449942	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.648	112	1255639	91.329	ng	0.01
7) Phenol-d6	6.643	99	1631092	90.904	ng	0.00
23) Nitrobenzene-d5	7.578	82	1101068	65.648	ng	0.00
42) 2,4,6-Tribromophenol	10.860	330	443440	96.200	ng	0.00
45) 2-Fluorobiphenyl	9.372	172	1726961	61.607	ng	0.00
79) Terphenyl-d14	13.148	244	2026318	65.154	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.002	88	290316	38.174	ng	100
3) Pyridine	3.743	79	702862	34.818	ng	100
4) n-Nitrosodimethylamine	3.713	42	323266	42.395	ng	96
6) Aniline	6.672	93	859318	35.587	ng	99
8) 2-Chlorophenol	6.801	128	588131	41.217	ng	99
9) Benzaldehyde	6.560	77	397547	41.060	ng	97
10) Phenol	6.660	94	822791	39.997	ng	95
11) bis(2-Chloroethyl)ether	6.742	93	663973	41.810	ng	100
12) 1,3-Dichlorobenzene	6.954	146	648808	42.371	ng	98
13) 1,4-Dichlorobenzene	7.031	146	648062	42.385	ng	99
14) 1,2-Dichlorobenzene	7.184	146	596152	40.627	ng	99
15) Benzyl Alcohol	7.154	79	588717	42.603	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.284	45	856119	42.275	ng	100
17) 2-Methylphenol	7.266	107	516486	38.784	ng	97
18) Hexachloroethane	7.525	117	264302	44.246	ng	96
19) n-Nitroso-di-n-propyla...	7.425	70	434080	39.309	ng	99
20) 3+4-Methylphenols	7.419	107	587048	34.121	ng	92
22) Acetophenone	7.419	105	812771	40.506	ng	97
24) Nitrobenzene	7.595	77	742668	41.402	ng	94
25) Isophorone	7.831	82	1332262	41.431	ng	98
26) 2-Nitrophenol	7.913	139	344486	43.526	ng	99
27) 2,4-Dimethylphenol	7.948	122	514308	41.173	ng	97
28) bis(2-Chloroethoxy)met...	8.037	93	779818	41.455	ng	99
29) 2,4-Dichlorophenol	8.154	162	521461	41.966	ng	97
30) 1,2,4-Trichlorobenzene	8.237	180	578908	42.906	ng	100
31) Naphthalene	8.319	128	1639675	40.250	ng	99
32) Benzoic acid	8.084	122	420216m	43.114	ng	
33) 4-Chloroaniline	8.366	127	277159	15.877	ng	95
34) Hexachlorobutadiene	8.431	225	372729	43.473	ng	100
35) Caprolactam	8.754	113	179424m	43.800	ng	
36) 4-Chloro-3-methylphenol	8.854	107	580895	42.569	ng	98
37) 2-Methylnaphthalene	9.013	142	1087192	39.161	ng	99
38) 1-Methylnaphthalene	9.113	142	1021991	39.391	ng	99
40) 1,2,4,5-Tetrachloroben...	9.178	216	576901	41.311	ng	99
41) Hexachlorocyclopentadiene	9.166	237	765931	101.121	ng	99
43) 2,4,6-Trichlorophenol	9.289	196	399112	42.172	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.336	196	436248	39.495	ng	96
46) 1,1'-Biphenyl	9.478	154	1307166	40.462	ng	100
47) 2-Chloronaphthalene	9.507	162	1063880	41.536	ng	100
48) 2-Nitroaniline	9.601	65	379831	40.264	ng	98
49) Acenaphthylene	9.925	152	1634516	40.097	ng	99
50) Dimethylphthalate	9.778	163	1267430	40.782	ng	100
51) 2,6-Dinitrotoluene	9.842	165	289145	40.852	ng	96
52) Acenaphthene	10.095	154	1186333m	45.831	ng	02/24/2023
53) 3-Nitroaniline	10.013	138	223816	28.269	ng	92
54) 2,4-Dinitrophenol	10.125	184	370538	83.006	ng	98
55) Dibenzofuran	10.272	168	1477693	39.158	ng	98
56) 4-Nitrophenol	10.183	139	480155	81.320	ng	93
57) 2,4-Dinitrotoluene	10.248	165	396725	42.133	ng	96
58) Fluorene	10.613	166	1162375	40.270	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.389	232	349809	42.633	ng	97
60) Diethylphthalate	10.478	149	1232638	40.610	ng	99
61) 4-Chlorophenyl-phenyle...	10.601	204	599803	40.056	ng	98
62) 4-Nitroaniline	10.642	138	315323	40.573	ng	98
63) Azobenzene	10.760	77	1320910	41.092	ng	95
65) 4,6-Dinitro-2-methylph...	10.660	198	239303	42.934	ng	97
66) n-Nitrosodiphenylamine	10.725	169	1029398	40.103	ng	99
67) 4-Bromophenyl-phenylether	11.095	248	382270	41.044	ng	99
68) Hexachlorobenzene	11.166	284	423555	43.220	ng	100
69) Atrazine	11.248	200	357932	44.665	ng	97
70) Pentachlorophenol	11.360	266	460291	78.943	ng	98
71) Phenanthrene	11.583	178	1713859	40.180	ng	99
72) Anthracene	11.636	178	1755606	39.969	ng	99
73) Carbazole	11.789	167	1587041	40.074	ng	100
74) Di-n-butylphthalate	12.107	149	1884664	40.570	ng	100
75) Fluoranthene	12.777	202	1878301	40.281	ng	99
77) Benzidine	12.895	184	1009416	78.860	ng	99
78) Pyrene	13.013	202	1926801	40.304	ng	99
80) Butylbenzylphthalate	13.619	149	799124	42.359	ng	99
81) Benzo(a)anthracene	14.201	228	1620171	41.180	ng	98
82) 3,3'-Dichlorobenzidine	14.160	252	346828	29.901	ng	98
83) Chrysene	14.242	228	1487436	40.429	ng	100
84) Bis(2-ethylhexyl)phtha...	14.171	149	1018861	43.963	ng	100
85) Di-n-octyl phthalate	14.801	149	1487474	43.922	ng	100
87) Indeno(1,2,3-cd)pyrene	17.377	276	1336422	45.330	ng	99
88) Benzo(b)fluoranthene	15.301	252	1337229	44.348	ng	99
89) Benzo(k)fluoranthene	15.336	252	1218072	41.276	ng	99
90) Benzo(a)pyrene	15.701	252	1121412	39.737	ng	99
91) Dibenzo(a,h)anthracene	17.395	278	1092901	45.497	ng	98
92) Benzo(g,h,i)perylene	17.865	276	1128451	41.785	ng	99

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

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