

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022823\
 Data File : BF132567.D
 Acq On : 28 Feb 2023 12:27
 Operator : CG\JU
 Sample : PB151085BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151085BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/01/2023
 Supervised By :Jagrut Upadhyay 03/01/2023

Quant Time: Feb 28 13:21:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.004	152	208336	20.000	ng	0.00
21) Naphthalene-d8	8.293	136	756469	20.000	ng	0.00
39) Acenaphthene-d10	10.057	164	418180	20.000	ng	0.00
64) Phenanthrene-d10	11.551	188	823311	20.000	ng	0.00
76) Chrysene-d12	14.210	240	505797	20.000	ng	0.00
86) Perylene-d12	15.757	264	458530	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.646	112	1212217	94.434	ng	0.01
7) Phenol-d6	6.640	99	1583761	94.536	ng	0.00
23) Nitrobenzene-d5	7.575	82	1055470	66.197	ng	0.00
42) 2,4,6-Tribromophenol	10.851	330	484444	107.269	ng	0.00
45) 2-Fluorobiphenyl	9.369	172	1732284	63.075	ng	0.00
79) Terphenyl-d14	13.139	244	2098408	70.144	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.975	88	239628	33.747	ng	99
3) Pyridine	3.722	79	602150	31.947	ng	99
4) n-Nitrosodimethylamine	3.693	42	296985	41.714	ng	97
6) Aniline	6.669	93	844901	37.475	ng	99
8) 2-Chlorophenol	6.798	128	570864	42.848	ng	94
9) Benzaldehyde	6.557	77	354761	39.244	ng	99
10) Phenol	6.651	94	791841	41.227	ng	94
11) bis(2-Chloroethyl)ether	6.740	93	618419	41.708	ng	98
12) 1,3-Dichlorobenzene	6.946	146	618791	43.281	ng	98
13) 1,4-Dichlorobenzene	7.022	146	622334	43.593	ng	98
14) 1,2-Dichlorobenzene	7.175	146	572938	41.818	ng	99
15) Benzyl Alcohol	7.151	79	575402	44.597	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.275	45	784260	41.478	ng	99
17) 2-Methylphenol	7.257	107	497572	40.017	ng	99
18) Hexachloroethane	7.516	117	248522	44.559	ng	99
19) n-Nitroso-di-n-propyla...	7.422	70	414642	40.216	ng	98
20) 3+4-Methylphenols	7.410	107	578043	35.984	ng	91
22) Acetophenone	7.416	105	803664	42.132	ng	# 92
24) Nitrobenzene	7.593	77	709898	41.631	ng	96
25) Isophorone	7.828	82	1293802	42.324	ng	98
26) 2-Nitrophenol	7.904	139	323865	43.046	ng	92
27) 2,4-Dimethylphenol	7.940	122	498069	41.944	ng	95
28) bis(2-Chloroethoxy)met...	8.034	93	741319	41.455	ng	99
29) 2,4-Dichlorophenol	8.151	162	497919	42.153	ng	99
30) 1,2,4-Trichlorobenzene	8.234	180	568145	44.295	ng	98
31) Naphthalene	8.316	128	1581462	40.837	ng	100
32) Benzoic acid	8.081	122	410973m	44.246	ng	
33) 4-Chloroaniline	8.357	127	297592	17.932	ng	97
34) Hexachlorobutadiene	8.428	225	376572	46.202	ng	99
35) Caprolactam	8.751	113	168009m	43.143	ng	
36) 4-Chloro-3-methylphenol	8.845	107	574410	44.279	ng	98
37) 2-Methylnaphthalene	9.004	142	1065250	40.363	ng	99
38) 1-Methylnaphthalene	9.110	142	981774	39.806	ng	100
40) 1,2,4,5-Tetrachloroben...	9.175	216	580251	42.410	ng	98
41) Hexachlorocyclopentadiene	9.157	237	770718	103.858	ng	98
43) 2,4,6-Trichlorophenol	9.287	196	402733	43.435	ng	98

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44) 2,4,5-Trichlorophenol	9.328	196	427614	39.514	ng	95
46) 1,1'-Biphenyl	9.475	154	1288043	40.695	ng	98
47) 2-Chloronaphthalene	9.498	162	1055085	42.044	ng	98
48) 2-Nitroaniline	9.598	65	370721	40.111	ng	97
49) Acenaphthylene	9.922	152	1602228	40.117	ng	99
50) Dimethylphthalate	9.775	163	1281831	42.098	ng	100
51) 2,6-Dinitrotoluene	9.839	165	293129	42.272	ng	97
52) Acenaphthene	10.092	154	1181160m	46.575	ng	
53) 3-Nitroaniline	10.010	138	212822	27.436	ng	99
54) 2,4-Dinitrophenol	10.122	184	380453	86.901	ng	96
55) Dibenzofuran	10.263	168	1483100	40.115	ng	96
56) 4-Nitrophenol	10.175	139	469490	81.158	ng	86
57) 2,4-Dinitrotoluene	10.245	165	392659	42.563	ng	98
58) Fluorene	10.610	166	1148176	40.601	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.381	232	367125	45.669	ng	99
60) Diethylphthalate	10.475	149	1249539	42.019	ng	99
61) 4-Chlorophenyl-phenyle...	10.592	204	605963	41.304	ng	97
62) 4-Nitroaniline	10.634	138	307402	40.371	ng	92
63) Azobenzene	10.757	77	1285678	40.823	ng	96
65) 4,6-Dinitro-2-methylph...	10.657	198	242297	43.474	ng	99
66) n-Nitrosodiphenylamine	10.716	169	1030549	40.150	ng	99
67) 4-Bromophenyl-phenylether	11.086	248	389284	41.800	ng	92
68) Hexachlorobenzene	11.157	284	445639	45.476	ng	# 91
69) Atrazine	11.245	200	377063	47.056	ng	97
70) Pentachlorophenol	11.357	266	491220	84.253	ng	98
71) Phenanthrene	11.581	178	1715313	40.217	ng	100
72) Anthracene	11.633	178	1776058	40.437	ng	100
73) Carbazole	11.786	167	1599203	40.384	ng	100
74) Di-n-butylphthalate	12.098	149	1924230	41.425	ng	100
75) Fluoranthene	12.775	202	1891558	40.568	ng	98
77) Benzidine	12.892	184	966451	78.493	ng	99
78) Pyrene	13.004	202	1949744	42.399	ng	99
80) Butylbenzylphthalate	13.610	149	767318	42.284	ng	97
81) Benzo(a)anthracene	14.198	228	1569303	41.467	ng	98
82) 3,3'-Dichlorobenzidine	14.157	252	341851	30.639	ng	98
83) Chrysene	14.239	228	1457396	41.181	ng	99
84) Bis(2-ethylhexyl)phtha...	14.169	149	941337	42.227	ng	99
85) Di-n-octyl phthalate	14.792	149	1394279	42.800	ng	99
87) Indeno(1,2,3-cd)pyrene	17.368	276	1411532	46.981	ng	97
88) Benzo(b)fluoranthene	15.298	252	1382896	45.004	ng	99
89) Benzo(k)fluoranthene	15.333	252	1186662	39.459	ng	98
90) Benzo(a)pyrene	15.698	252	1145141	39.818	ng	99
91) Dibenzo(a,h)anthracene	17.392	278	1141915	46.648	ng	# 96
92) Benzo(g,h,i)perylene	17.862	276	1183840	42.968	ng	98

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

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