

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
 Data File : BF132684.D
 Acq On : 07 Mar 2023 18:34
 Operator : CG\JU
 Sample : 01825-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HH-TP1-0306MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/08/2023
 Supervised By : Jagrut Upadhyay 03/08/2023

Quant Time: Mar 08 04:41:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 13:42:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.987	152	181629	20.000	ng	0.00
21) Naphthalene-d8	8.275	136	664368	20.000	ng	0.00
39) Acenaphthene-d10	10.039	164	353412	20.000	ng	0.00
64) Phenanthrene-d10	11.533	188	665631	20.000	ng	0.00
76) Chrysene-d12	14.192	240	336739	20.000	ng	# 0.00
86) Perylene-d12	15.739	264	381622	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	1138769	101.756	ng	0.01
7) Phenol-d6	6.622	99	1475984	101.057	ng	0.00
23) Nitrobenzene-d5	7.557	82	958266	68.432	ng	0.00
42) 2,4,6-Tribromophenol	10.833	330	389955	102.171	ng	0.00
45) 2-Fluorobiphenyl	9.351	172	1441117	62.090	ng	0.00
79) Terphenyl-d14	13.121	244	1469142	73.765	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.928	88	248912	40.209	ng	97
3) Pyridine	3.681	79	643713	39.174	ng	96
4) n-Nitrosodimethylamine	3.651	42	261450	42.123	ng	92
6) Aniline	6.651	93	635044	32.309	ng	97
8) 2-Chlorophenol	6.775	128	546964	47.091	ng	99
9) Benzaldehyde	6.539	77	274930	34.885	ng	99
10) Phenol	6.634	94	713395	42.604	ng	98
11) bis(2-Chloroethyl)ether	6.722	93	575731	44.538	ng	96
12) 1,3-Dichlorobenzene	6.934	146	564136	45.260	ng	96
13) 1,4-Dichlorobenzene	7.004	146	569564	45.763	ng	99
14) 1,2-Dichlorobenzene	7.157	146	545033	45.631	ng	99
15) Benzyl Alcohol	7.134	79	505235	44.916	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.263	45	713119	43.261	ng	99
17) 2-Methylphenol	7.239	107	459665	42.404	ng	98
18) Hexachloroethane	7.504	117	221983	45.653	ng	92
19) n-Nitroso-di-n-propyla...	7.404	70	354987	39.492	ng	94
20) 3+4-Methylphenols	7.392	107	513250	36.649	ng	# 85
22) Acetophenone	7.398	105	690337	41.208	ng	93
24) Nitrobenzene	7.575	77	620611	41.440	ng	97
25) Isophorone	7.810	82	1140563	42.484	ng	99
26) 2-Nitrophenol	7.892	139	295069	44.655	ng	96
27) 2,4-Dimethylphenol	7.922	122	451581	43.301	ng	99
28) bis(2-Chloroethoxy)met...	8.016	93	674090	42.921	ng	100
29) 2,4-Dichlorophenol	8.133	162	452824	43.649	ng	99
30) 1,2,4-Trichlorobenzene	8.216	180	507000	45.007	ng	99
31) Naphthalene	8.298	128	1432208	42.110	ng	99
32) Benzoic acid	8.051	122	339935m	41.894	ng	
33) 4-Chloroaniline	8.345	127	184113	12.632	ng	94
34) Hexachlorobutadiene	8.410	225	317171	44.308	ng	99
35) Caprolactam	8.728	113	161597m	47.249	ng	
36) 4-Chloro-3-methylphenol	8.828	107	503541	44.197	ng	97
37) 2-Methylnaphthalene	8.992	142	942011	40.642	ng	98
38) 1-Methylnaphthalene	9.092	142	874741	40.383	ng	99
40) 1,2,4,5-Tetrachloroben...	9.157	216	508388	43.968	ng	99
41) Hexachlorocyclopentadiene	9.139	237	492581	78.542	ng	99
43) 2,4,6-Trichlorophenol	9.269	196	346516	44.221	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.316	196	369483	40.399	ng	97
46) 1,1'-Biphenyl	9.457	154	1149195	42.962	ng	98
47) 2-Chloronaphthalene	9.480	162	931473	43.921	ng	100
48) 2-Nitroaniline	9.580	65	314624	40.280	ng	91
49) Acenaphthylene	9.898	152	1426409	42.260	ng	100
50) Dimethylphthalate	9.757	163	1113430	43.269	ng	99
51) 2,6-Dinitrotoluene	9.822	165	258063	44.035	ng	92
52) Acenaphthene	10.075	154	1022115m	47.690	ng	
53) 3-Nitroaniline	9.992	138	180040	27.464	ng	99
54) 2,4-Dinitrophenol	10.104	184	287207	77.822	ng	97
55) Dibenzofuran	10.245	168	1304912	41.763	ng	98
56) 4-Nitrophenol	10.157	139	381587	78.051	ng	96
57) 2,4-Dinitrotoluene	10.227	165	337796	43.327	ng	99
58) Fluorene	10.592	166	1030325	43.110	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.363	232	302706	44.556	ng	100
60) Diethylphthalate	10.451	149	1063406	42.313	ng	99
61) 4-Chlorophenyl-phenyle...	10.575	204	520352	41.969	ng	99
62) 4-Nitroaniline	10.616	138	265816	41.308	ng	97
63) Azobenzene	10.739	77	1122103	42.158	ng	99
65) 4,6-Dinitro-2-methylph...	10.639	198	196113	43.523	ng	97
66) n-Nitrosodiphenylamine	10.698	169	897216	43.236	ng	99
67) 4-Bromophenyl-phenylether	11.069	248	332430	44.151	ng	98
68) Hexachlorobenzene	11.139	284	369236	46.605	ng	# 93
69) Atrazine	11.222	200	307693	47.495	ng	98
70) Pentachlorophenol	11.339	266	353010	74.891	ng	97
71) Phenanthrene	11.563	178	2047974	59.391	ng	99
72) Anthracene	11.616	178	1627798	45.841	ng	99
73) Carbazole	11.769	167	1351119	42.202	ng	99
74) Di-n-butylphthalate	12.086	149	1607408	42.802	ng	99
75) Fluoranthene	12.757	202	2409143	63.908	ng	98
77) Benzidine	12.874	184	504090	61.495	ng	100
78) Pyrene	12.992	202	2258568	73.772	ng	100
80) Butylbenzylphthalate	13.592	149	589035	48.755	ng	97
81) Benzo(a)anthracene	14.180	228	1475641	58.567	ng	98
82) 3,3'-Dichlorobenzidine	14.139	252	206218	27.762	ng	99
83) Chrysene	14.221	228	1312343	55.700	ng	99
84) Bis(2-ethylhexyl)phtha...	14.151	149	765692	51.591	ng	98
85) Di-n-octyl phthalate	14.774	149	1172784	54.075	ng	98
87) Indeno(1,2,3-cd)pyrene	17.339	276	1412810	56.500	ng	99
88) Benzo(b)fluoranthene	15.280	252	1419379	55.500	ng	99
89) Benzo(k)fluoranthene	15.309	252	1195729	47.773	ng	98
90) Benzo(a)pyrene	15.674	252	1250353	52.238	ng	98
91) Dibenzo(a,h)anthracene	17.356	278	1010750	49.610	ng	97
92) Benzo(g,h,i)perylene	17.833	276	1172731	50.835	ng	99

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

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