

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102523\
 Data File : BF135942.D
 Acq On : 25 Oct 2023 14:39
 Operator : CG\JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/26/2023
 Supervised By :mohammad ahmed 10/26/2023

Quant Time: Oct 26 03:52:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:12:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	170564	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	679701	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	342859	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	638368	20.000	ng	0.00
76) Chrysene-d12	14.010	240	362288	20.000	ng	0.00
86) Perylene-d12	15.492	264	376055	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	1289282	116.722	ng	0.00
7) Phenol-d6	6.463	99	1603463	116.603	ng	0.00
23) Nitrobenzene-d5	7.393	82	1304975	119.493	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	397145	132.336	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	2273386	106.174	ng	0.00
79) Terphenyl-d14	12.957	244	2676047	123.412	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	301816	58.822	ng	100
3) Pyridine	3.375	79	847907	59.871	ng	99
4) n-Nitrosodimethylamine	3.352	42	369510	59.838	ng	99
6) Aniline	6.498	93	1079143	58.280	ng	99
8) 2-Chlorophenol	6.610	128	667608	58.384	ng	97
9) Benzaldehyde	6.381	77	398456	53.564	ng	99
10) Phenol	6.475	94	830304m	57.753	ng	
11) bis(2-Chloroethyl)ether	6.569	93	645571	57.691	ng	95
12) 1,3-Dichlorobenzene	6.769	146	700357	57.662	ng	97
13) 1,4-Dichlorobenzene	6.846	146	688399	56.434	ng	97
14) 1,2-Dichlorobenzene	6.998	146	638234	56.344	ng	99
15) Benzyl Alcohol	6.969	79	567221	58.349	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.104	45	944899	57.338	ng	99
17) 2-Methylphenol	7.075	107	591114	58.653	ng	98
18) Hexachloroethane	7.340	117	248699	59.959	ng	92
19) n-Nitroso-di-n-propyla...	7.251	70	454920	58.175	ng	98
20) 3+4-Methylphenols	7.234	107	677908	55.733	ng	91
22) Acetophenone	7.240	105	856442	55.788	ng	100
24) Nitrobenzene	7.416	77	678534	59.620	ng	98
25) Isophorone	7.651	82	1258604	58.581	ng	99
26) 2-Nitrophenol	7.722	139	265831	59.997	ng	97
27) 2,4-Dimethylphenol	7.763	122	575909	58.815	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	757747	57.434	ng	99
29) 2,4-Dichlorophenol	7.963	162	539528	61.531	ng	98
30) 1,2,4-Trichlorobenzene	8.045	180	575401	57.958	ng	99
31) Naphthalene	8.134	128	1884331	57.341	ng	100
32) Benzoic acid	7.893	122	329526m	59.411	ng	
33) 4-Chloroaniline	8.181	127	833938	57.416	ng	98
34) Hexachlorobutadiene	8.245	225	324935	58.067	ng	99
35) Caprolactam	8.569	113	184452	63.213	ng	98
36) 4-Chloro-3-methylphenol	8.657	107	568740	61.035	ng	99
37) 2-Methylnaphthalene	8.822	142	1215942	55.924	ng	100
38) 1-Methylnaphthalene	8.922	142	1152875	56.746	ng	100
40) 1,2,4,5-Tetrachloroben...	8.987	216	542745	56.047	ng	99
41) Hexachlorocyclopentadiene	8.975	237	310026	64.928	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	357704	63.112	ng	99

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44) 2,4,5-Trichlorophenol	9.134	196	424348	63.059	ng	96
46) 1,1'-Biphenyl	9.287	154	1468628	56.530	ng	99
47) 2-Chloronaphthalene	9.310	162	1101734	57.334	ng	97
48) 2-Nitroaniline	9.410	65	338631	60.783	ng	93
49) Acenaphthylene	9.728	152	1735169	57.237	ng	98
50) Dimethylphthalate	9.598	163	1275163	57.351	ng	99
51) 2,6-Dinitrotoluene	9.651	165	279230	59.303	ng	96
52) Acenaphthene	9.898	154	1126172	57.966	ng	99
53) 3-Nitroaniline	9.822	138	337808	59.986	ng	98
54) 2,4-Dinitrophenol	9.922	184	81775	60.065	ng	95
55) Dibenzofuran	10.075	168	1581133	56.334	ng	100
56) 4-Nitrophenol	9.975	139	261022	59.880	ng	97
57) 2,4-Dinitrotoluene	10.057	165	349831	59.696	ng	98
58) Fluorene	10.416	166	1163687	55.418	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.187	232	331829	65.529	ng	98
60) Diethylphthalate	10.298	149	1236078	58.299	ng	98
61) 4-Chlorophenyl-phenyle...	10.410	204	559274	55.215	ng	97
62) 4-Nitroaniline	10.445	138	330466	59.298	ng	94
63) Azobenzene	10.575	77	1225755	56.968	ng	96
65) 4,6-Dinitro-2-methylph...	10.463	198	143704	60.961	ng	100
66) n-Nitrosodiphenylamine	10.534	169	1108446	57.477	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	379428	58.038	ng	96
68) Hexachlorobenzene	10.963	284	404342	57.898	ng	93
69) Atrazine	11.063	200	301383	57.327	ng	99
70) Pentachlorophenol	11.157	266	258402	59.501	ng	100
71) Phenanthrene	11.381	178	1814467	56.181	ng	99
72) Anthracene	11.433	178	1897760	57.387	ng	99
73) Carbazole	11.592	167	1672155	56.684	ng	99
74) Di-n-butylphthalate	11.933	149	1838292	58.561	ng	99
75) Fluoranthene	12.575	202	1912163	56.277	ng	98
77) Benzidine	12.698	184	384122	54.987	ng	99
78) Pyrene	12.804	202	1950377	64.117	ng	100
80) Butylbenzylphthalate	13.439	149	697542	59.665	ng	98
81) Benzo(a)anthracene	13.998	228	1469976	59.674	ng	99
82) 3,3'-Dichlorobenzidine	13.969	252	453679	60.536	ng	98
83) Chrysene	14.039	228	1436792	59.886	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	787892	62.988	ng	99
85) Di-n-octyl phthalate	14.621	149	1242237	63.042	ng	99
87) Indeno(1,2,3-cd)pyrene	17.004	276	1469826	68.930	ng	99
88) Benzo(b)fluoranthene	15.057	252	1354338	60.516	ng	100
89) Benzo(k)fluoranthene	15.092	252	1196095	54.418	ng	99
90) Benzo(a)pyrene	15.433	252	1233518	59.804	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	1209352	66.305	ng	99
92) Benzo(g,h,i)perylene	17.468	276	1243365	59.021	ng	100

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

