

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041123\
 Data File : BF132850.D
 Acq On : 11 Apr 2023 14:35
 Operator : CG\JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/12/2023
 Supervised By : Jagrut Upadhyay 04/12/2023

Quant Time: Apr 12 03:04:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 12 02:57:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	222600	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	841923	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	415960	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	726932	20.000	ng	0.00
76) Chrysene-d12	13.922	240	476772	20.000	ng	0.00
86) Perylene-d12	15.351	264	364017	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1325868	92.533	ng	0.00
7) Phenol-d6	6.404	99	1689799	91.438	ng	0.00
23) Nitrobenzene-d5	7.340	82	1532798	94.209	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	367197	99.330	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	2379873	90.509	ng	0.00
79) Terphenyl-d14	12.874	244	2589987	94.124	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.758	88	273	28.296	ng	# 100
3) Pyridine	3.187	79	939108	47.728	ng	99
4) n-Nitrosodimethylamine	3.146	42	451870	47.562	ng	99
6) Aniline	6.440	93	1136782	47.590	ng	99
8) 2-Chlorophenol	6.557	128	657287	45.606	ng	95
9) Benzaldehyde	6.316	77	478558	49.785	ng	99
10) Phenol	6.416	94	959057	46.098	ng	97
11) bis(2-Chloroethyl)ether	6.510	93	704096	45.643	ng	97
12) 1,3-Dichlorobenzene	6.710	146	729135	45.851	ng	99
13) 1,4-Dichlorobenzene	6.787	146	727965	45.414	ng	99
14) 1,2-Dichlorobenzene	6.945	146	664340	44.132	ng	98
15) Benzyl Alcohol	6.916	79	576758	48.003	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	1195101	46.401	ng	99
17) 2-Methylphenol	7.022	107	613223	46.664	ng	100
18) Hexachloroethane	7.287	117	256272	46.442	ng	98
19) n-Nitroso-di-n-propyla...	7.198	70	502420	47.752	ng	99
20) 3+4-Methylphenols	7.181	107	709622	45.184	ng	95
22) Acetophenone	7.187	105	893223	44.767	ng	# 94
24) Nitrobenzene	7.357	77	779910	47.308	ng	97
25) Isophorone	7.598	82	1387270	47.821	ng	98
26) 2-Nitrophenol	7.675	139	305082	51.878	ng	90
27) 2,4-Dimethylphenol	7.710	122	570568	48.023	ng	98
28) bis(2-Chloroethoxy)met...	7.810	93	811227	47.125	ng	100
29) 2,4-Dichlorophenol	7.910	162	540746	47.945	ng	99
30) 1,2,4-Trichlorobenzene	7.998	180	579454	46.532	ng	100
31) Naphthalene	8.081	128	1942886	45.222	ng	99
32) Benzoic acid	7.840	122	281603m	49.157	ng	
33) 4-Chloroaniline	8.128	127	796214	46.652	ng	97
34) Hexachlorobutadiene	8.198	225	318474	46.979	ng	98
35) Caprolactam	8.510	113	157852	48.197	ng	99
36) 4-Chloro-3-methylphenol	8.604	107	573674	47.679	ng	99
37) 2-Methylnaphthalene	8.769	142	1313151	45.702	ng	100
38) 1-Methylnaphthalene	8.869	142	1215349	45.350	ng	100
40) 1,2,4,5-Tetrachloroben...	8.934	216	530249	45.664	ng	100
41) Hexachlorocyclopentadiene	8.928	237	310165	49.618	ng	98
43) 2,4,6-Trichlorophenol	9.045	196	344546	48.300	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	411505	48.846	ng	98
46) 1,1'-Biphenyl	9.234	154	1516791	45.244	ng	98
47) 2-Chloronaphthalene	9.257	162	1128211	45.971	ng	98
48) 2-Nitroaniline	9.351	65	353811	48.489	ng	93
49) Acenaphthylene	9.669	152	1805660	45.514	ng	100
50) Dimethylphthalate	9.539	163	1279700	47.642	ng	100
51) 2,6-Dinitrotoluene	9.592	165	299316	48.846	ng	93
52) Acenaphthene	9.845	154	1167951	45.816	ng	99
53) 3-Nitroaniline	9.763	138	355472	50.145	ng	93
54) 2,4-Dinitrophenol	9.863	184	132843	51.291	ng	# 85
55) Dibenzofuran	10.016	168	1642134	45.445	ng	100
56) 4-Nitrophenol	9.910	139	277250	49.619	ng	90
57) 2,4-Dinitrotoluene	9.998	165	388701	51.057	ng	88
58) Fluorene	10.357	166	1181998	44.347	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.128	232	312963	48.779	ng	99
60) Diethylphthalate	10.233	149	1150363	50.387	ng	99
61) 4-Chlorophenyl-phenyle...	10.351	204	567318	44.740	ng	97
62) 4-Nitroaniline	10.375	138	351681	51.941	ng	97
63) Azobenzene	10.510	77	1368892	46.028	ng	99
65) 4,6-Dinitro-2-methylph...	10.404	198	177536	52.031	ng	85
66) n-Nitrosodiphenylamine	10.469	169	1047343	47.216	ng	99
67) 4-Bromophenyl-phenylether	10.839	248	365803	47.408	ng	95
68) Hexachlorobenzene	10.904	284	377243	47.224	ng	99
69) Atrazine	10.998	200	288330	53.020	ng	98
70) Pentachlorophenol	11.092	266	266358	50.624	ng	100
71) Phenanthrene	11.316	178	1803599	45.237	ng	100
72) Anthracene	11.369	178	1878608	46.089	ng	100
73) Carbazole	11.522	167	1660329	46.563	ng	99
74) Di-n-butylphthalate	11.857	149	1418956	48.869	ng	99
75) Fluoranthene	12.498	202	1876538	47.012	ng	99
77) Benzidine	12.622	184	205407	50.343	ng	98
78) Pyrene	12.727	202	1902880	46.724	ng	99
80) Butylbenzylphthalate	13.351	149	131478	48.460	ng	99
81) Benzo(a)anthracene	13.910	228	1555526	47.435	ng	100
82) 3,3'-Dichlorobenzidine	13.880	252	312923	48.813	ng	98
83) Chrysene	13.951	228	1500802	46.491	ng	99
84) Bis(2-ethylhexyl)phtha...	13.916	149	216010	49.557	ng	98
85) Di-n-octyl phthalate	14.527	149	309199	48.845	ng	95
87) Indeno(1,2,3-cd)pyrene	16.751	276	1164710	48.532	ng	99
88) Benzo(b)fluoranthene	14.939	252	1185610	50.466	ng	99
89) Benzo(k)fluoranthene	14.968	252	1088698	45.114	ng	99
90) Benzo(a)pyrene	15.292	252	1027029	48.740	ng	98
91) Dibenzo(a,h)anthracene	16.768	278	957122	48.614	ng	99
92) Benzo(g,h,i)perylene	17.174	276	984935	48.617	ng	99

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

