

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052523\
 Data File : BF133488.D
 Acq On : 25 May 2023 13:37
 Operator : CG\JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/26/2023
 Supervised By : Jagrut Upadhyay 05/26/2023

Quant Time: May 25 23:20:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 23:12:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	188303	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	670021	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	325413	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	610109	20.000	ng	0.00
76) Chrysene-d12	14.015	240	421333	20.000	ng	0.00
86) Perylene-d12	15.468	264	391863	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1011849	89.655	ng	0.00
7) Phenol-d6	6.469	99	1245632	89.658	ng	0.00
23) Nitrobenzene-d5	7.416	82	1107525	110.366	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	319919	98.626	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1829739	86.785	ng	0.00
79) Terphenyl-d14	12.963	244	2012600	84.930	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	234812	46.068	ng	98
3) Pyridine	3.322	79	665600	46.573	ng	99
4) n-Nitrosodimethylamine	3.293	42	374790	48.086	ng	98
6) Aniline	6.510	93	870442	46.143	ng	99
8) 2-Chlorophenol	6.628	128	514425	46.259	ng	96
9) Benzaldehyde	6.392	77	330150	49.753	ng	99
10) Phenol	6.487	94	627120m	44.996	ng	
11) bis(2-Chloroethyl)ether	6.581	93	530463	46.034	ng	97
12) 1,3-Dichlorobenzene	6.781	146	554417	44.907	ng	98
13) 1,4-Dichlorobenzene	6.857	146	551439	44.552	ng	99
14) 1,2-Dichlorobenzene	7.016	146	493157	43.176	ng	98
15) Benzyl Alcohol	6.986	79	487146	46.185	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.122	45	997101	45.623	ng	99
17) 2-Methylphenol	7.086	107	480067	45.586	ng	99
18) Hexachloroethane	7.357	117	201492	47.078	ng	# 89
19) n-Nitroso-di-n-propyla...	7.269	70	400954	44.605	ng	96
20) 3+4-Methylphenols	7.251	107	536536	45.064	ng	91
22) Acetophenone	7.257	105	671137	43.496	ng	99
24) Nitrobenzene	7.434	77	574746	53.753	ng	99
25) Isophorone	7.669	82	1101724	47.108	ng	99
26) 2-Nitrophenol	7.739	139	243260	49.486	ng	92
27) 2,4-Dimethylphenol	7.781	122	458565	46.083	ng	99
28) bis(2-Chloroethoxy)met...	7.881	93	613903	45.268	ng	100
29) 2,4-Dichlorophenol	7.981	162	429751	48.002	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	441544	45.597	ng	99
31) Naphthalene	8.151	128	1441518	44.377	ng	99
32) Benzoic acid	7.910	122	325090m	49.071	ng	
33) 4-Chloroaniline	8.198	127	634003	45.539	ng	99
34) Hexachlorobutadiene	8.263	225	270268	45.882	ng	97
35) Caprolactam	8.586	113	149550m	50.934	ng	
36) 4-Chloro-3-methylphenol	8.675	107	475958	47.460	ng	100
37) 2-Methylnaphthalene	8.839	142	980047	44.189	ng	99
38) 1-Methylnaphthalene	8.939	142	911985	44.112	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	424997	44.065	ng	99
41) Hexachlorocyclopentadiene	8.992	237	250230	50.628	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	296896	48.107	ng	99

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44) 2,4,5-Trichlorophenol	9.151	196	343121	47.900	ng	97
46) 1,1'-Biphenyl	9.304	154	1144783	43.300	ng	99
47) 2-Chloronaphthalene	9.328	162	842831	43.987	ng	97
48) 2-Nitroaniline	9.422	65	301891	48.984	ng	96
49) Acenaphthylene	9.745	152	1441171	44.075	ng	99
50) Dimethylphthalate	9.610	163	1024932	44.813	ng	99
51) 2,6-Dinitrotoluene	9.669	165	213864	49.090	ng	97
52) Acenaphthene	9.916	154	881495	44.504	ng	99
53) 3-Nitroaniline	9.839	138	266675	48.856	ng	98
54) 2,4-Dinitrophenol	9.939	184	89602	49.582	ng	94
55) Dibenzofuran	10.092	168	1291575	43.829	ng	99
56) 4-Nitrophenol	9.986	139	207842	53.116	ng	97
57) 2,4-Dinitrotoluene	10.069	165	266536	49.247	ng	96
58) Fluorene	10.433	166	921745	42.693	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	265448	49.203	ng	99
60) Diethylphthalate	10.310	149	1079741	45.477	ng	100
61) 4-Chlorophenyl-phenyle...	10.427	204	443098	42.742	ng	95
62) 4-Nitroaniline	10.457	138	273723	49.714	ng	96
63) Azobenzene	10.586	77	1064802	44.803	ng	97
65) 4,6-Dinitro-2-methylph...	10.480	198	123243	49.143	ng	# 75
66) n-Nitrosodiphenylamine	10.545	169	894450	45.158	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	290020	44.761	ng	95
68) Hexachlorobenzene	10.974	284	309360	45.657	ng	96
69) Atrazine	11.074	200	249463	45.902	ng	97
70) Pentachlorophenol	11.169	266	218164	53.849	ng	98
71) Phenanthrene	11.392	178	1379082	44.628	ng	99
72) Anthracene	11.445	178	1414083	44.463	ng	99
73) Carbazole	11.598	167	1366292	45.427	ng	100
74) Di-n-butylphthalate	11.933	149	1647325	46.318	ng	99
75) Fluoranthene	12.580	202	1558776	45.668	ng	100
77) Benzidine	12.704	184	635277	51.552	ng	100
78) Pyrene	12.816	202	1589024	44.320	ng	99
80) Butylbenzylphthalate	13.439	149	704906	49.691	ng	94
81) Benzo(a)anthracene	14.004	228	1256538	44.768	ng	99
82) 3,3'-Dichlorobenzidine	13.968	252	412454	47.008	ng	97
83) Chrysene	14.045	228	1282211	45.252	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	831977	46.920	ng	100
85) Di-n-octyl phthalate	14.615	149	1562694	52.904	ng	100
87) Indeno(1,2,3-cd)pyrene	16.933	276	1181740	47.343	ng	99
88) Benzo(b)fluoranthene	15.045	252	1199558	47.010	ng	98
89) Benzo(k)fluoranthene	15.080	252	1093008	43.929	ng	100
90) Benzo(a)pyrene	15.409	252	1072107	46.174	ng	99
91) Dibenzo(a,h)anthracene	16.951	278	954487	47.163	ng	99
92) Benzo(g,h,i)perylene	17.380	276	975621	47.810	ng	99

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

