

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052622\
 Data File : BF128481.D
 Acq On : 26 May 2022 18:57
 Operator : CG\JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/27/2022
 Supervised By : Jagrut Upadhyay 05/27/2022

Quant Time: May 27 00:58:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 00:56:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	249639	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	889021	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	483473	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	870652	20.000	ng	0.00
76) Chrysene-d12	14.010	240	540954	20.000	ng	0.00
86) Perylene-d12	15.468	264	475137	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1376847	87.770	ng	0.00
7) Phenol-d6	6.475	99	1743516	84.405	ng	0.00
23) Nitrobenzene-d5	7.410	82	1541390	77.683	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	429156	86.071	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	2582683	87.359	ng	0.00
79) Terphenyl-d14	12.963	244	2592190	92.503	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	321944	41.897	ng	99
3) Pyridine	3.369	79	830754	41.746	ng	99
4) n-Nitrosodimethylamine	3.340	42	451256	47.666	ng	96
6) Aniline	6.498	93	1071650m	45.358	ng	
8) 2-Chlorophenol	6.628	128	705965	44.016	ng	96
9) Benzaldehyde	6.393	77	391565	32.282	ng	98
10) Phenol	6.487	94	865857m	39.417	ng	
11) bis(2-Chloroethyl)ether	6.587	93	729315	44.486	ng	96
12) 1,3-Dichlorobenzene	6.787	146	808647	44.898	ng	97
13) 1,4-Dichlorobenzene	6.863	146	812373	44.449	ng	99
14) 1,2-Dichlorobenzene	7.016	146	731646	43.175	ng	99
15) Benzyl Alcohol	6.987	79	668722	43.730	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.122	45	1274539	52.720	ng	99
17) 2-Methylphenol	7.093	107	610809	45.349	ng	99
18) Hexachloroethane	7.357	117	294250	43.461	ng	97
19) n-Nitroso-di-n-propyla...	7.269	70	523436	42.369	ng	99
20) 3+4-Methylphenols	7.251	107	704467	43.441	ng	90
22) Acetophenone	7.257	105	936532	43.272	ng	# 94
24) Nitrobenzene	7.428	77	757013	40.762	ng	99
25) Isophorone	7.669	82	1349336	44.376	ng	99
26) 2-Nitrophenol	7.740	139	348686	43.324	ng	98
27) 2,4-Dimethylphenol	7.775	122	605479	51.670	ng	99
28) bis(2-Chloroethoxy)met...	7.881	93	862260	44.867	ng	99
29) 2,4-Dichlorophenol	7.981	162	621305	48.914	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	667211	46.258	ng	98
31) Naphthalene	8.151	128	1987724	45.881	ng	99
32) Benzoic acid	7.916	122	503431	60.337	ng	97
33) 4-Chloroaniline	8.198	127	797874	46.024	ng	99
34) Hexachlorobutadiene	8.263	225	416963	44.634	ng	98
35) Caprolactam	8.587	113	195911m	47.785	ng	
36) 4-Chloro-3-methylphenol	8.675	107	638024	46.353	ng	100
37) 2-Methylnaphthalene	8.839	142	1249718	43.993	ng	98
38) 1-Methylnaphthalene	8.939	142	1222524	44.741	ng	98
40) 1,2,4,5-Tetrachloroben...	9.004	216	616273	43.715	ng	100
41) Hexachlorocyclopentadiene	8.992	237	370769	93.257	ng	100
43) 2,4,6-Trichlorophenol	9.116	196	465174	52.282	ng	97

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44) 2,4,5-Trichlorophenol	9.151	196	484189	51.158	ng	97
46) 1,1'-Biphenyl	9.310	154	1532206	43.858	ng	99
47) 2-Chloronaphthalene	9.328	162	1235513	47.678	ng	99
48) 2-Nitroaniline	9.428	65	399575	42.561	ng	92
49) Acenaphthylene	9.745	152	1872640	48.295	ng	99
50) Dimethylphthalate	9.616	163	1458849	47.369	ng	99
51) 2,6-Dinitrotoluene	9.669	165	303052	44.993	ng	90
52) Acenaphthene	9.922	154	1178288	48.391	ng	99
53) 3-Nitroaniline	9.839	138	344064	45.380	ng	98
54) 2,4-Dinitrophenol	9.939	184	133892	39.196	ng	89
55) Dibenzofuran	10.092	168	1690139	45.783	ng	96
56) 4-Nitrophenol	9.986	139	280928	64.422	ng	86
57) 2,4-Dinitrotoluene	10.069	165	380584	44.847	ng	94
58) Fluorene	10.433	166	1196600	41.359	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	380425	48.935	ng	99
60) Diethylphthalate	10.310	149	1416601	47.734	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	601498	42.185	ng	97
62) 4-Nitroaniline	10.457	138	334967	43.653	ng	98
63) Azobenzene	10.586	77	1443987	43.424	ng	99
65) 4,6-Dinitro-2-methylph...	10.481	198	198162	37.032	ng	95
66) n-Nitrosodiphenylamine	10.545	169	1198952	47.567	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	416989	45.764	ng	95
68) Hexachlorobenzene	10.980	284	455298	45.957	ng	93
69) Atrazine	11.075	200	373192	45.106	ng	98
70) Pentachlorophenol	11.169	266	297376	74.174	ng	98
71) Phenanthrene	11.398	178	1882019	44.293	ng	100
72) Anthracene	11.451	178	1855597	43.941	ng	100
73) Carbazole	11.598	167	1784809	42.381	ng	100
74) Di-n-butylphthalate	11.939	149	2130300	46.309	ng	99
75) Fluoranthene	12.580	202	1979677	43.022	ng	100
77) Benzidine	12.704	184	492036	43.732	ng	99
78) Pyrene	12.810	202	1970528	48.651	ng	99
80) Butylbenzylphthalate	13.439	149	863396	53.155	ng	92
81) Benzo(a)anthracene	13.998	228	1484588	43.135	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	372360	47.409	ng	97
83) Chrysene	14.039	228	1564219	47.719	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	1000262	46.569	ng	100
85) Di-n-octyl phthalate	14.616	149	1759426	50.975	ng	99
87) Indeno(1,2,3-cd)pyrene	16.933	276	1384451	51.050	ng	100
88) Benzo(b)fluoranthene	15.045	252	1381109	46.728	ng	99
89) Benzo(k)fluoranthene	15.080	252	1252135	45.231	ng	98
90) Benzo(a)pyrene	15.410	252	1111739	46.856	ng	98
91) Dibenzo(a,h)anthracene	16.957	278	1146761	52.701	ng	99
92) Benzo(g,h,i)perylene	17.380	276	1157717	50.998	ng	99

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

