

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122921\
 Data File : BF126404.D
 Acq On : 29 Dec 2021 21:01
 Operator : JU/CG
 Sample : SSTDICC060
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/31/2021
 Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 30 03:54:13 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 30 03:51:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	198774	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	788497	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	356448	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	541637	20.000	ng	0.00
76) Chrysene-d12	13.963	240	266149	20.000	ng	0.00
86) Perylene-d12	15.398	264	289631	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1389421	132.600	ng	0.00
7) Phenol-d6	6.440	99	1836027	135.535	ng	0.01
23) Nitrobenzene-d5	7.375	82	1674274	145.773	ng	0.01
42) 2,4,6-Tribromophenol	10.633	330	309283	150.154	ng	0.01
45) 2-Fluorobiphenyl	9.169	172	1829816	123.301	ng	0.01
79) Terphenyl-d14	12.910	244	1492283	142.958	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.505	88	385514	73.562	ng	100
3) Pyridine	3.234	79	1095718	77.203	ng	98
4) n-Nitrosodimethylamine	3.204	42	454926	78.463	ng	94
6) Aniline	6.469	93	1191209	71.264	ng	99
8) 2-Chlorophenol	6.592	128	698695	67.287	ng	96
9) Benzaldehyde	6.351	77	559444	66.583	ng	99
10) Phenol	6.457	94	979804	65.236	ng	80
11) bis(2-Chloroethyl)ether	6.545	93	812312	70.346	ng	98
12) 1,3-Dichlorobenzene	6.745	146	703388	67.714	ng	100
13) 1,4-Dichlorobenzene	6.822	146	696585	67.306	ng	98
14) 1,2-Dichlorobenzene	6.975	146	619403	64.430	ng	99
15) Benzyl Alcohol	6.945	79	642454	69.128	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.081	45	1323090	72.883	ng	99
17) 2-Methylphenol	7.057	107	659949	71.846	ng	99
18) Hexachloroethane	7.316	117	288014	70.877	ng	95
19) n-Nitroso-di-n-propyla...	7.228	70	557166	71.805	ng	98
20) 3+4-Methylphenols	7.216	107	662998	61.865	ng	98
22) Acetophenone	7.222	105	928460	66.404	ng	99
24) Nitrobenzene	7.392	77	835389	72.229	ng	97
25) Isophorone	7.634	82	1603354	76.652	ng	100
26) 2-Nitrophenol	7.704	139	395696	78.609	ng	98
27) 2,4-Dimethylphenol	7.739	122	589433	72.595	ng	100
28) bis(2-Chloroethoxy)met...	7.839	93	988995	72.673	ng	99
29) 2,4-Dichlorophenol	7.945	162	534083	72.638	ng	99
30) 1,2,4-Trichlorobenzene	8.028	180	536351	70.053	ng	99
31) Naphthalene	8.110	128	1891492	67.163	ng	99
32) Benzoic acid	7.898	122	478519	109.940	ng	91
33) 4-Chloroaniline	8.157	127	832273	70.955	ng	99
34) Hexachlorobutadiene	8.228	225	262383	71.267	ng	97
35) Caprolactam	8.545	113	149896m	80.422	ng	
36) 4-Chloro-3-methylphenol	8.639	107	658752	73.208	ng	99
37) 2-Methylnaphthalene	8.798	142	1122175	67.538	ng	96
38) 1-Methylnaphthalene	8.898	142	1077458	67.188	ng	98
40) 1,2,4,5-Tetrachloroben...	8.969	216	395707	67.065	ng	100
41) Hexachlorocyclopentadiene	8.951	237	209816	95.771	ng	97
43) 2,4,6-Trichlorophenol	9.075	196	309296	72.457	ng	97

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44) 2,4,5-Trichlorophenol	9.116	196	336248	72.369	ng	98
46) 1,1'-Biphenyl	9.263	154	1294441	65.669	ng	98
47) 2-Chloronaphthalene	9.286	162	1009493	67.126	ng	96
48) 2-Nitroaniline	9.386	65	455174	76.983	ng	93
49) Acenaphthylene	9.704	152	1504601	66.109	ng	99
50) Dimethylphthalate	9.575	163	1180823	69.821	ng	100
51) 2,6-Dinitrotoluene	9.628	165	265382	74.759	ng	# 86
52) Acenaphthene	9.875	154	1013992m	67.989	ng	
53) 3-Nitroaniline	9.798	138	369761	74.957	ng	99
54) 2,4-Dinitrophenol	9.904	184	148268	105.457	ng	# 87
55) Dibenzofuran	10.045	168	1309390	65.485	ng	95
56) 4-Nitrophenol	9.957	139	283241	82.109	ng	96
57) 2,4-Dinitrotoluene	10.033	165	336706	74.358	ng	99
58) Fluorene	10.392	166	905850	62.947	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	243379	74.026	ng	96
60) Diethylphthalate	10.269	149	1098126	67.896	ng	98
61) 4-Chlorophenyl-phenyle...	10.380	204	400209	63.551	ng	99
62) 4-Nitroaniline	10.416	138	357352	76.863	ng	99
63) Azobenzene	10.545	77	1420729	68.494	ng	98
65) 4,6-Dinitro-2-methylph...	10.445	198	194675	94.717	ng	95
66) n-Nitrosodiphenylamine	10.504	169	879534	68.605	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	258924	71.222	ng	90
68) Hexachlorobenzene	10.939	284	301926	71.973	ng	95
69) Atrazine	11.027	200	146687	69.289	ng	98
70) Pentachlorophenol	11.127	266	169797m	93.600	ng	
71) Phenanthrene	11.351	178	1405039	66.710	ng	100
72) Anthracene	11.404	178	1411199	67.071	ng	100
73) Carbazole	11.557	167	1370712	66.632	ng	98
74) Di-n-butylphthalate	11.886	149	1572543	68.304	ng	98
75) Fluoranthene	12.539	202	1269153	66.433	ng	99
78) Pyrene	12.763	202	1259836	74.191	ng	99
80) Butylbenzylphthalate	13.386	149	570629	77.301	ng	95
81) Benzo(a)anthracene	13.951	228	813292	70.094	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	382204	72.752	ng	99
83) Chrysene	13.992	228	859873	72.846	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	561193	73.116	ng	97
85) Di-n-octyl phthalate	14.557	149	1097093	82.885	ng	100
87) Indeno(1,2,3-cd)pyrene	16.833	276	1182027	81.321	ng	97
88) Benzo(b)fluoranthene	14.986	252	964454	72.925	ng	99
89) Benzo(k)fluoranthene	15.021	252	808004	64.231	ng	98
90) Benzo(a)pyrene	15.345	252	819410	74.230	ng	98
91) Dibenzo(a,h)anthracene	16.851	278	922152	79.376	ng	98
92) Benzo(g,h,i)perylene	17.268	276	1039124	82.935	ng	97

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

