

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072522\
 Data File : BF129334.D
 Acq On : 25 Jul 2022 15:34
 Operator : CG\JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/26/2022
 Supervised By : Jagrut Upadhyay 07/26/2022

Quant Time: Jul 25 16:17:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 16:12:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	275240	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1038161	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	535559	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	903321	20.000	ng	0.00
76) Chrysene-d12	14.068	240	561727	20.000	ng	0.00
86) Perylene-d12	15.551	264	441881	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1554687	92.129	ng	0.00
7) Phenol-d6	6.516	99	1975452	91.831	ng	0.00
23) Nitrobenzene-d5	7.457	82	1815513	94.083	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	484795	93.825	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	2850061	81.866	ng	0.00
79) Terphenyl-d14	13.004	244	2823959	93.630	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	368546	49.254	ng	89
3) Pyridine	3.446	79	1016271	49.192	ng	90
4) n-Nitrosodimethylamine	3.404	42	447700	48.265	ng	89
6) Aniline	6.557	93	1256748	47.479	ng	99
8) 2-Chlorophenol	6.675	128	853999	46.164	ng	97
9) Benzaldehyde	6.439	77	626767	42.475	ng	98
10) Phenol	6.534	94	1072794m	47.453	ng	
11) bis(2-Chloroethyl)ether	6.622	93	858259	47.958	ng	95
12) 1,3-Dichlorobenzene	6.828	146	925569	46.421	ng	98
13) 1,4-Dichlorobenzene	6.904	146	940059	46.596	ng	99
14) 1,2-Dichlorobenzene	7.057	146	845903	45.378	ng	98
15) Benzyl Alcohol	7.028	79	740779	47.464	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1270670	46.575	ng	93
17) 2-Methylphenol	7.139	107	718892	47.683	ng	98
18) Hexachloroethane	7.398	117	361002	47.693	ng	89
19) n-Nitroso-di-n-propyla...	7.304	70	582684	45.460	ng	94
20) 3+4-Methylphenols	7.292	107	854939	43.479	ng	99
22) Acetophenone	7.298	105	1100907	45.164	ng	97
24) Nitrobenzene	7.475	77	930439	46.814	ng	95
25) Isophorone	7.710	82	1639177	48.384	ng	99
26) 2-Nitrophenol	7.786	139	479762	50.027	ng	93
27) 2,4-Dimethylphenol	7.822	122	695674	48.220	ng	97
28) bis(2-Chloroethoxy)met...	7.916	93	945278	48.163	ng	99
29) 2,4-Dichlorophenol	8.028	162	719428	47.942	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	737923	47.316	ng	96
31) Naphthalene	8.192	128	2459160	46.185	ng	99
32) Benzoic acid	7.951	122	547973	51.965	ng	98
33) 4-Chloroaniline	8.239	127	1023809	47.143	ng	99
34) Hexachlorobutadiene	8.304	225	417576	46.845	ng	99
35) Caprolactam	8.628	113	236822m	49.482	ng	
36) 4-Chloro-3-methylphenol	8.722	107	761918	47.792	ng	94
37) 2-Methylnaphthalene	8.886	142	1579984	45.793	ng	99
38) 1-Methylnaphthalene	8.986	142	1531616	45.883	ng	98
40) 1,2,4,5-Tetrachloroben...	9.051	216	671951	47.792	ng	98
41) Hexachlorocyclopentadiene	9.033	237	341717	55.140	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	496806	48.351	ng	96

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44) 2,4,5-Trichlorophenol	9.204	196	531395	47.675	ng	97
46) 1,1'-Biphenyl	9.351	154	1816185	45.893	ng	100
47) 2-Chloronaphthalene	9.375	162	1486658	46.898	ng	99
48) 2-Nitroaniline	9.475	65	512428	48.132	ng	91
49) Acenaphthylene	9.792	152	2245699	46.132	ng	99
50) Dimethylphthalate	9.651	163	1741620	47.334	ng	99
51) 2,6-Dinitrotoluene	9.716	165	404759	49.130	ng	97
52) Acenaphthene	9.969	154	1477508m	46.768	ng	
53) 3-Nitroaniline	9.886	138	482570	49.227	ng	# 93
54) 2,4-Dinitrophenol	9.992	184	220017	52.776	ng	93
55) Dibenzofuran	10.139	168	2007343	45.723	ng	97
56) 4-Nitrophenol	10.045	139	360903	50.415	ng	95
57) 2,4-Dinitrotoluene	10.122	165	529540	49.029	ng	97
58) Fluorene	10.480	166	1570536	44.822	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	411924	47.937	ng	90
60) Diethylphthalate	10.351	149	1675886	47.340	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	695691	45.383	ng	# 89
62) 4-Nitroaniline	10.510	138	470143	48.557	ng	92
63) Azobenzene	10.633	77	1711952	46.743	ng	96
65) 4,6-Dinitro-2-methylph...	10.533	198	295214	53.134	ng	89
66) n-Nitrosodiphenylamine	10.592	169	1384238	46.352	ng	96
67) 4-Bromophenyl-phenylether	10.963	248	463796	47.585	ng	98
68) Hexachlorobenzene	11.027	284	507547	47.546	ng	96
69) Atrazine	11.116	200	426179	46.693	ng	97
70) Pentachlorophenol	11.221	266	294127	50.117	ng	98
71) Phenanthrene	11.445	178	2235712	45.092	ng	99
72) Anthracene	11.498	178	2220072	45.189	ng	99
73) Carbazole	11.651	167	2105640	45.948	ng	99
74) Di-n-butylphthalate	11.974	149	2503933	47.289	ng	99
75) Fluoranthene	12.633	202	2260872	44.743	ng	96
77) Benzidine	12.757	184	973353	43.481	ng	99
78) Pyrene	12.868	202	2276100	47.376	ng	100
80) Butylbenzylphthalate	13.474	149	1019406	52.000	ng	99
81) Benzo(a)anthracene	14.057	228	1804441	46.650	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	586541	46.196	ng	# 96
83) Chrysene	14.092	228	1658977	45.440	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	1307478	54.309	ng	99
85) Di-n-octyl phthalate	14.645	149	1823147	52.915	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	1588563	52.441	ng	98
88) Benzo(b)fluoranthene	15.115	252	1376468	46.802	ng	98
89) Benzo(k)fluoranthene	15.145	252	1387108	48.572	ng	99
90) Benzo(a)pyrene	15.492	252	1163058	48.874	ng	98
91) Dibenzo(a,h)anthracene	17.086	278	1286872	52.706	ng	99
92) Benzo(g,h,i)perylene	17.527	276	1338993	52.777	ng	98

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

