

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072522\
 Data File : BF129336.D
 Acq On : 25 Jul 2022 16:42
 Operator : CG\JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

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

Quant Time: Jul 25 17:00:41 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	6.887	152	267941	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	978889	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	509636	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	839902	20.000	ng	0.00
76) Chrysene-d12	14.068	240	458226	20.000	ng	0.00
86) Perylene-d12	15.551	264	417548	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	2205925	134.281	ng	0.00
7) Phenol-d6	6.528	99	2846383	135.922	ng	0.01
23) Nitrobenzene-d5	7.463	82	2642974	145.257	ng	0.01
42) 2,4,6-Tribromophenol	10.728	330	707138	143.817	ng	0.00
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	13.010	244	3712327	150.886	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	553270	75.955	ng	89
3) Pyridine	3.440	79	1582118	78.668	ng	90
4) n-Nitrosodimethylamine	3.416	42	688038	76.196	ng	# 89
6) Aniline	6.563	93	1845251	71.611	ng	99
8) 2-Chlorophenol	6.681	128	1227303	68.150	ng	95
10) Phenol	6.540	94	1489857m	67.696	ng	
11) bis(2-Chloroethyl)ether	6.628	93	1236016	70.948	ng	95
12) 1,3-Dichlorobenzene	6.828	146	1316905	67.848	ng	98
13) 1,4-Dichlorobenzene	6.904	146	1328197	67.628	ng	99
14) 1,2-Dichlorobenzene	7.063	146	1173326	64.657	ng	98
15) Benzyl Alcohol	7.034	79	1036336	68.211	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	1812828	68.257	ng	92
17) 2-Methylphenol	7.140	107	1047205	71.351	ng	99
18) Hexachloroethane	7.398	117	521466	70.769	ng	# 89
19) n-Nitroso-di-n-propyla...	7.316	70	864835	69.311	ng	91
22) Acetophenone	7.304	105	1545022	67.221	ng	94
24) Nitrobenzene	7.481	77	1340566	71.533	ng	96
25) Isophorone	7.716	82	2477468	77.555	ng	99
26) 2-Nitrophenol	7.792	139	709359	78.448	ng	90
27) 2,4-Dimethylphenol	7.822	122	1032320	75.887	ng	97
28) bis(2-Chloroethoxy)met...	7.922	93	1378629	74.497	ng	100
29) 2,4-Dichlorophenol	8.034	162	1044013	73.785	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	1048435	71.297	ng	96
31) Naphthalene	8.198	128	3360370	66.932	ng	98
32) Benzoic acid	7.981	122	886478	89.156	ng	95
33) 4-Chloroaniline	8.245	127	1456594	71.133	ng	99
34) Hexachlorobutadiene	8.304	225	602067	71.631	ng	99
35) Caprolactam	8.645	113	362547m	80.339	ng	
36) 4-Chloro-3-methylphenol	8.728	107	1127167	74.983	ng	97
37) 2-Methylnaphthalene	8.886	142	2223692	68.353	ng	99
38) 1-Methylnaphthalene	8.986	142	2148725	68.267	ng	98
40) 1,2,4,5-Tetrachloroben...	9.051	216	944190	70.570	ng	98
41) Hexachlorocyclopentadiene	9.034	237	515213	87.365	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	716413	73.271	ng	97
44) 2,4,5-Trichlorophenol	9.204	196	780846	73.618	ng	# 92
46) 1,1'-Biphenyl	9.351	154	2509529	66.639	ng	99

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47) 2-Chloronaphthalene	9.381	162	2056905	68.188	ng	99
48) 2-Nitroaniline	9.481	65	759062	74.925	ng	86
49) Acenaphthylene	9.798	152	3060148	66.060	ng	98
50) Dimethylphthalate	9.657	163	2537879	72.483	ng	99
51) 2,6-Dinitrotoluene	9.722	165	581492	74.172	ng	96
52) Acenaphthene	9.969	154	2072546m	68.941	ng	
53) 3-Nitroaniline	9.898	138	690301	74.000	ng	# 89
54) 2,4-Dinitrophenol	9.998	184	340499	85.831	ng	92
55) Dibenzofuran	10.139	168	2702921	64.699	ng	93
56) 4-Nitrophenol	10.051	139	527155	77.385	ng	97
57) 2,4-Dinitrotoluene	10.128	165	734187	71.435	ng	96
58) Fluorene	10.486	166	2165905	64.958	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	597651	73.088	ng	91
60) Diethylphthalate	10.357	149	2351090	69.791	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	965272	66.171	ng	# 87
62) 4-Nitroaniline	10.522	138	696194	75.562	ng	90
63) Azobenzene	10.633	77	2408985	69.121	ng	96
65) 4,6-Dinitro-2-methylph...	10.539	198	437720	84.732	ng	94
66) n-Nitrosodiphenylamine	10.598	169	1943363	69.988	ng	96
67) 4-Bromophenyl-phenylether	10.963	248	670945	74.036	ng	94
68) Hexachlorobenzene	11.033	284	723552	72.898	ng	96
69) Atrazine	11.122	200	609720	71.846	ng	97
70) Pentachlorophenol	11.222	266	441394	80.888	ng	99
71) Phenanthrene	11.451	178	3058454	66.344	ng	98
72) Anthracene	11.498	178	2994435	65.554	ng	98
73) Carbazole	11.657	167	2881675	67.630	ng	99
74) Di-n-butylphthalate	11.974	149	3434843	69.769	ng	98
75) Fluoranthene	12.639	202	3049555	64.908	ng	96
77) Benzidine	12.757	184	1108514	60.704	ng	98
78) Pyrene	12.869	202	3102984	79.175	ng	99
80) Butylbenzylphthalate	13.474	149	1355030	84.733	ng	98
81) Benzo(a)anthracene	14.057	228	2341554	74.209	ng	98
82) 3,3'-Dichlorobenzidine	14.016	252	737504	71.206	ng	# 97
83) Chrysene	14.098	228	2168966	72.828	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	1685822	85.841	ng	97
85) Di-n-octyl phthalate	14.645	149	2414275	85.899	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	2464829	86.109	ng	99
88) Benzo(b)fluoranthene	15.115	252	2088935m	75.165	ng	
89) Benzo(k)fluoranthene	15.151	252	1866621	69.173	ng	98
90) Benzo(a)pyrene	15.492	252	1703906	75.775	ng	# 97
91) Dibenzo(a,h)anthracene	17.092	278	1967762	85.290	ng	97
92) Benzo(g,h,i)perylene	17.539	276	2108297	87.942	ng	97

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

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