

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083122\
 Data File : BF130056.D
 Acq On : 31 Aug 2022 17:16
 Operator : CG\JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/01/2022
 Supervised By : Jagrut Upadhyay 09/01/2022

Quant Time: Aug 31 17:49:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 15:58:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	278895	20.000	ng	0.00
21) Naphthalene-d8	7.992	136	989759	20.000	ng	# 0.00
39) Acenaphthene-d10	9.745	164	508570	20.000	ng	0.00
64) Phenanthrene-d10	11.222	188	817452	20.000	ng	# 0.00
76) Chrysene-d12	13.857	240	404836	20.000	ng	0.00
86) Perylene-d12	15.251	264	395767	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.316	112	2216847	131.606	ng	0.00
7) Phenol-d6	6.357	99	2776557	131.627	ng	0.01
23) Nitrobenzene-d5	7.293	82	2452155	132.627	ng	0.01
42) 2,4,6-Tribromophenol	10.539	330	737764	144.539	ng	0.00
45) 2-Fluorobiphenyl	9.075	172	3834289	114.508	ng	0.00
79) Terphenyl-d14	12.816	244	3502534	143.959	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.387	88	555738	79.969	ng	95
3) Pyridine	3.093	79	1557547	85.644	ng	93
4) n-Nitrosodimethylamine	3.075	42	613232	73.167	ng	83
6) Aniline	6.393	93	1794578	74.644	ng	# 50
8) 2-Chlorophenol	6.504	128	1196477	63.805	ng	96
10) Phenol	6.369	94	1521182	65.742	ng	# 75
11) bis(2-Chloroethyl)ether	6.463	93	1152815	65.610	ng	96
12) 1,3-Dichlorobenzene	6.651	146	1329900	65.693	ng	98
13) 1,4-Dichlorobenzene	6.728	146	1335759	64.576	ng	99
14) 1,2-Dichlorobenzene	6.887	146	1118605	58.226	ng	99
15) Benzyl Alcohol	6.863	79	862731	54.176	ng	95
16) 2,2'-oxybis(1-Chloropr...	6.998	45	1582951	67.233	ng	# 52
17) 2-Methylphenol	6.969	107	1064332	70.688	ng	# 86
18) Hexachloroethane	7.222	117	510204	65.683	ng	95
19) n-Nitroso-di-n-propyla...	7.151	70	871904	65.393	ng	92
20) 3+4-Methylphenols	7.140	107	1110432	54.941	ng	# 72
22) Acetophenone	7.134	105	1513505	62.750	ng	# 93
24) Nitrobenzene	7.310	77	1252356	67.173	ng	97
25) Isophorone	7.551	82	2436030	76.550	ng	98
26) 2-Nitrophenol	7.616	139	636773	69.437	ng	94
27) 2,4-Dimethylphenol	7.657	122	989488m	75.237	ng	
28) bis(2-Chloroethoxy)met...	7.757	93	1372842	73.886	ng	98
29) 2,4-Dichlorophenol	7.857	162	1046057	72.740	ng	99
30) 1,2,4-Trichlorobenzene	7.934	180	1048195	69.092	ng	96
31) Naphthalene	8.022	128	3298082	63.730	ng	99
32) Benzoic acid	7.828	122	921437	164.944	ng	96
33) 4-Chloroaniline	8.069	127	1415595	69.560	ng	98
34) Hexachlorobutadiene	8.134	225	609243	65.951	ng	99
35) Caprolactam	8.487	113	379319m	84.820	ng	
36) 4-Chloro-3-methylphenol	8.557	107	1067480	68.807	ng	96
37) 2-Methylnaphthalene	8.710	142	2136474	62.901	ng	99
38) 1-Methylnaphthalene	8.804	142	2084584	63.151	ng	99
40) 1,2,4,5-Tetrachloroben...	8.869	216	922197	65.196	ng	99
41) Hexachlorocyclopentadiene	8.857	237	561851	188.145	ng	99
43) 2,4,6-Trichlorophenol	8.987	196	717735	78.097	ng	99
44) 2,4,5-Trichlorophenol	9.022	196	766481	77.520	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.175	154	2385331	61.739	ng	98
47) 2-Chloronaphthalene	9.198	162	1954700	63.942	ng	98
48) 2-Nitroaniline	9.298	65	637610	66.001	ng	88
49) Acenaphthylene	9.610	152	2907670	62.724	ng	98
50) Dimethylphthalate	9.492	163	2501927	68.626	ng	100
51) 2,6-Dinitrotoluene	9.545	165	547018	69.168	ng	93
52) Acenaphthene	9.786	154	1935554m	68.821	ng	
53) 3-Nitroaniline	9.716	138	619751	70.862	ng	98
54) 2,4-Dinitrophenol	9.810	184	251011	83.627	ng	97
55) Dibenzofuran	9.957	168	2567821	60.773	ng	100
56) 4-Nitrophenol	9.869	139	494104	126.990	ng	93
57) 2,4-Dinitrotoluene	9.945	165	602938	58.730	ng	95
58) Fluorene	10.298	166	1928661	54.668	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.069	232	583111	80.360	ng	# 78
60) Diethylphthalate	10.181	149	2298299	63.223	ng	98
61) 4-Chlorophenyl-phenyle...	10.286	204	886287	55.980	ng	99
62) 4-Nitroaniline	10.339	138	605473	68.623	ng	97
63) Azobenzene	10.451	77	2182831	62.820	ng	94
65) 4,6-Dinitro-2-methylph...	10.351	198	327551	68.255	ng	98
66) n-Nitrosodiphenylamine	10.416	169	1875991	67.994	ng	99
67) 4-Bromophenyl-phenylether	10.781	248	663240	69.272	ng	92
68) Hexachlorobenzene	10.833	284	722776	69.689	ng	97
69) Atrazine	10.945	200	560082	66.139	ng	97
70) Pentachlorophenol	11.028	266	452255	171.042	ng	98
71) Phenanthrene	11.257	178	2891435	63.333	ng	98
72) Anthracene	11.304	178	2875522	63.336	ng	98
73) Carbazole	11.463	167	2638381	64.018	ng	99
74) Di-n-butylphthalate	11.798	149	3275722	61.757	ng	99
75) Fluoranthene	12.433	202	2870941	61.453	ng	96
77) Benzidine	12.557	184	646493	60.332	ng	97
78) Pyrene	12.663	202	2834964	80.585	ng	98
80) Butylbenzylphthalate	13.286	149	1260278	84.660	ng	96
81) Benzo(a)anthracene	13.845	228	2007083	72.070	ng	99
82) 3,3'-Dichlorobenzidine	13.816	252	644992	74.782	ng	99
83) Chrysene	13.886	228	2008048	77.029	ng	99
84) Bis(2-ethylhexyl)phtha...	13.845	149	1383294	78.325	ng	99
85) Di-n-octyl phthalate	14.457	149	2398486	98.379	ng	99
87) Indeno(1,2,3-cd)pyrene	16.615	276	2276189	83.776	ng	95
88) Benzo(b)fluoranthene	14.863	252	1965081	72.511	ng	97
89) Benzo(k)fluoranthene	14.892	252	1775692	68.324	ng	98
90) Benzo(a)pyrene	15.198	252	1595207	74.747	ng	# 96
91) Dibenzo(a,h)anthracene	16.639	278	1815583	80.987	ng	97
92) Benzo(g,h,i)perylene	17.033	276	1896845	84.810	ng	# 92

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

