

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012423\
 Data File : BF132192.D
 Acq On : 24 Jan 2023 14:12
 Operator : CG\JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/25/2023
 Supervised By : Jagrut Upadhyay 01/25/2023

Quant Time: Jan 25 01:16:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 01:10:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.084	152	298201	20.000	ng	0.00
21) Naphthalene-d8	8.372	136	963263	20.000	ng	0.00
39) Acenaphthene-d10	10.142	164	521559	20.000	ng	0.00
64) Phenanthrene-d10	11.636	188	967636	20.000	ng	0.00
76) Chrysene-d12	14.301	240	514413	20.000	ng	0.00
86) Perylene-d12	15.889	264	543291	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.707	112	2217010	134.042	ng	0.00
7) Phenol-d6	6.713	99	2679909	131.618	ng	0.02
23) Nitrobenzene-d5	7.660	82	2573660	143.095	ng	0.01
42) 2,4,6-Tribromophenol	10.936	330	866512	176.881	ng	0.00
45) 2-Fluorobiphenyl	9.454	172	4400575	127.806	ng	0.00
79) Terphenyl-d14	13.230	244	4649142	141.618	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.013	88	572192	67.780	ng	97
3) Pyridine	3.778	79	1589553	68.865	ng	97
4) n-Nitrosodimethylamine	3.760	42	695073	67.249	ng	90
6) Aniline	6.760	93	1947204m	68.106	ng	
8) 2-Chlorophenol	6.872	128	1153272	67.416	ng	99
10) Phenol	6.725	94	1394338	65.264	ng	94
11) bis(2-Chloroethyl)ether	6.825	93	1176803	65.268	ng	96
12) 1,3-Dichlorobenzene	7.031	146	1347555	66.770	ng	98
13) 1,4-Dichlorobenzene	7.107	146	1340661	66.425	ng	99
14) 1,2-Dichlorobenzene	7.260	146	1203214	64.000	ng	99
15) Benzyl Alcohol	7.225	79	1133445	69.490	ng	99
17) 2-Methylphenol	7.325	107	1038796	68.029	ng	98
18) Hexachloroethane	7.601	117	494720	70.610	ng	95
19) n-Nitroso-di-n-propyla...	7.507	70	848276	62.918	ng	98
20) 3+4-Methylphenols	7.489	107	1224418	63.808	ng	# 89
22) Acetophenone	7.501	105	1528980	65.769	ng	# 97
24) Nitrobenzene	7.678	77	1312295	69.056	ng	94
25) Isophorone	7.913	82	2487800	72.621	ng	97
26) 2-Nitrophenol	7.989	139	637398	91.015	ng	97
27) 2,4-Dimethylphenol	8.019	122	1065915	74.778	ng	98
28) bis(2-Chloroethoxy)met...	8.113	93	1358229	67.850	ng	98
29) 2,4-Dichlorophenol	8.225	162	1083366	75.857	ng	99
30) 1,2,4-Trichlorobenzene	8.313	180	1218748	71.556	ng	99
31) Naphthalene	8.401	128	3123687	66.439	ng	99
32) Benzoic acid	8.160	122	812957m	97.923	ng	
33) 4-Chloroaniline	8.442	127	1414238	69.484	ng	99
34) Hexachlorobutadiene	8.507	225	852850	74.300	ng	97
35) Caprolactam	8.842	113	308411m	84.111	ng	
36) 4-Chloro-3-methylphenol	8.919	107	1043281	74.899	ng	100
37) 2-Methylnaphthalene	9.089	142	2301881	67.485	ng	98
38) 1-Methylnaphthalene	9.189	142	2133200	67.870	ng	100
40) 1,2,4,5-Tetrachloroben...	9.254	216	1325531	72.413	ng	99
41) Hexachlorocyclopentadiene	9.242	237	848527	86.110	ng	99
43) 2,4,6-Trichlorophenol	9.360	196	873430	81.562	ng	99
44) 2,4,5-Trichlorophenol	9.401	196	993915	79.213	ng	98
46) 1,1'-Biphenyl	9.560	154	2640587	67.443	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	9.583	162	2136872	70.075	ng	98
48) 2-Nitroaniline	9.678	65	647194	82.346	ng	98
49) Acenaphthylene	10.007	152	3145441	67.575	ng	99
50) Dimethylphthalate	9.860	163	2563729	73.673	ng	99
51) 2,6-Dinitrotoluene	9.919	165	611982	82.990	ng	94
52) Acenaphthene	10.178	154	2082681	70.942	ng	99
53) 3-Nitroaniline	10.095	138	619273	79.455	ng	93
54) 2,4-Dinitrophenol	10.189	184	318544	94.612	ng	91
55) Dibenzofuran	10.348	168	2972025	68.032	ng	97
56) 4-Nitrophenol	10.236	139	467820	86.607	ng	95
57) 2,4-Dinitrotoluene	10.325	165	793897	86.475	ng	92
58) Fluorene	10.695	166	2299453	68.135	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.460	232	776657m	82.818	ng	
60) Diethylphthalate	10.560	149	2467188	74.028	ng	98
61) 4-Chlorophenyl-phenyle...	10.683	204	1343801	70.373	ng	98
62) 4-Nitroaniline	10.725	138	594528	79.076	ng	94
63) Azobenzene	10.842	77	2211322	64.920	ng	96
65) 4,6-Dinitro-2-methylph...	10.736	198	435257	93.150	ng	99
66) n-Nitrosodiphenylamine	10.801	169	2054894	71.312	ng	99
67) 4-Bromophenyl-phenylether	11.177	248	897939	77.631	ng	95
68) Hexachlorobenzene	11.242	284	886662	78.048	ng	97
69) Atrazine	11.325	200	680996	75.063	ng	98
70) Pentachlorophenol	11.430	266	653080	85.988	ng	99
71) Phenanthrene	11.666	178	3278837	68.198	ng	98
72) Anthracene	11.719	178	3325360	68.208	ng	97
73) Carbazole	11.872	167	2844083	69.216	ng	99
74) Di-n-butylphthalate	12.189	149	3361838	73.523	ng	98
75) Fluoranthene	12.860	202	3380250	67.225	ng	98
77) Benzidine	12.977	184	891995	68.066	ng	98
78) Pyrene	13.095	202	3372316	73.805	ng	98
80) Butylbenzylphthalate	13.701	149	1187112	89.012	ng	99
81) Benzo(a)anthracene	14.289	228	2728990	74.573	ng	98
82) 3,3'-Dichlorobenzidine	14.248	252	813257	83.382	ng	96
83) Chrysene	14.330	228	2496727	73.050	ng	98
84) Bis(2-ethylhexyl)phtha...	14.260	149	1533918	84.881	ng	99
85) Di-n-octyl phthalate	14.895	149	2357318	93.757	ng	98
87) Indeno(1,2,3-cd)pyrene	17.559	276	3196239	85.641	ng	99
88) Benzo(b)fluoranthene	15.412	252	2571798	73.871	ng	98
89) Benzo(k)fluoranthene	15.448	252	2470712	69.509	ng	99
90) Benzo(a)pyrene	15.830	252	2506646	76.916	ng	100
91) Dibenzo(a,h)anthracene	17.583	278	2606149	84.556	ng	99
92) Benzo(g,h,i)perylene	18.077	276	2649420	84.909	ng	98

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

