

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120522\
 Data File : BF131509.D
 Acq On : 05 Dec 2022 19:15
 Operator : CG\JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/06/2022
 Supervised By : Jagrut Upadhyay 12/06/2022

Quant Time: Dec 06 00:29:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 00:24:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	98038	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	320291	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	184618	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	345446	20.000	ng	0.00
76) Chrysene-d12	14.133	240	217071	20.000	ng	0.00
86) Perylene-d12	15.651	264	190668	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	696032	135.121	ng	0.00
7) Phenol-d6	6.551	99	856960	130.389	ng	0.00
23) Nitrobenzene-d5	7.498	82	888380	139.817	ng	0.00
42) 2,4,6-Tribromophenol	10.774	330	278834	179.522	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1740606	137.163	ng	0.00
79) Terphenyl-d14	13.068	244	1944227	146.465	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	147475	60.052	ng	99
3) Pyridine	3.487	79	406124	59.557	ng	97
4) n-Nitrosodimethylamine	3.475	42	209189	52.020	ng	93
6) Aniline	6.592	93	516746	59.993	ng	98
8) 2-Chlorophenol	6.710	128	374974	64.253	ng	95
9) Benzaldehyde	6.475	77	225965	48.935	ng	98
10) Phenol	6.569	94	493803	67.766	ng	98
11) bis(2-Chloroethyl)ether	6.663	93	350597	57.426	ng	99
12) 1,3-Dichlorobenzene	6.863	146	434949	62.535	ng	98
13) 1,4-Dichlorobenzene	6.945	146	443839	62.801	ng	97
14) 1,2-Dichlorobenzene	7.098	146	414429	63.687	ng	99
15) Benzyl Alcohol	7.069	79	362655	67.296	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.198	45	336338	28.806	ng	99
17) 2-Methylphenol	7.175	107	308455	62.014	ng	97
18) Hexachloroethane	7.439	117	166668	65.925	ng	99
19) n-Nitroso-di-n-propyla...	7.351	70	277744	57.727	ng	96
20) 3+4-Methylphenols	7.333	107	416155	65.528	ng	99
22) Acetophenone	7.345	105	561498	68.872	ng	# 97
24) Nitrobenzene	7.516	77	442444	66.834	ng	98
25) Isophorone	7.757	82	690138	60.881	ng	97
26) 2-Nitrophenol	7.828	139	184276	104.045	ng	99
27) 2,4-Dimethylphenol	7.863	122	279274	63.550	ng	98
28) bis(2-Chloroethoxy)met...	7.963	93	381801	59.299	ng	99
29) 2,4-Dichlorophenol	8.069	162	329262	69.073	ng	97
30) 1,2,4-Trichlorobenzene	8.151	180	394147	66.746	ng	99
31) Naphthalene	8.239	128	1098341	64.350	ng	100
32) Benzoic acid	8.004	122	197019m	78.864	ng	
33) 4-Chloroaniline	8.286	127	415514	61.708	ng	98
34) Hexachlorobutadiene	8.351	225	278970	72.956	ng	99
35) Caprolactam	8.680	113	87388m	69.764	ng	
36) 4-Chloro-3-methylphenol	8.769	107	337334	68.115	ng	99
37) 2-Methylnaphthalene	8.933	142	756981	65.456	ng	99
38) 1-Methylnaphthalene	9.033	142	717084	63.944	ng	99
40) 1,2,4,5-Tetrachloroben...	9.098	216	422410	70.506	ng	99
41) Hexachlorocyclopentadiene	9.080	237	215789	80.122	ng	98
43) 2,4,6-Trichlorophenol	9.210	196	269263	79.226	ng	100

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44) 2,4,5-Trichlorophenol	9.251	196	280970	73.519	ng	96
46) 1,1'-Biphenyl	9.398	154	904464	64.198	ng	99
47) 2-Chloronaphthalene	9.427	162	719934	63.701	ng	99
48) 2-Nitroaniline	9.522	65	216638	63.132	ng	92
49) Acenaphthylene	9.845	152	1071434	62.190	ng	100
50) Dimethylphthalate	9.704	163	820458	63.784	ng	99
51) 2,6-Dinitrotoluene	9.769	165	177373	68.952	ng	98
52) Acenaphthene	10.016	154	728688m	67.545	ng	
53) 3-Nitroaniline	9.939	138	185602	70.216	ng	98
54) 2,4-Dinitrophenol	10.039	184	98639	114.129	ng	96
55) Dibenzofuran	10.192	168	1030570	66.400	ng	98
56) 4-Nitrophenol	10.092	139	136336	74.317	ng	99
57) 2,4-Dinitrotoluene	10.174	165	243793	75.322	ng	# 82
58) Fluorene	10.533	166	855526	70.629	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.304	232	238307	74.875	ng	99
60) Diethylphthalate	10.404	149	805575	66.326	ng	99
61) 4-Chlorophenyl-phenyle...	10.522	204	443911	71.489	ng	96
62) 4-Nitroaniline	10.563	138	186913	71.051	ng	98
63) Azobenzene	10.686	77	764838	58.566	ng	96
65) 4,6-Dinitro-2-methylph...	10.580	198	134710	99.094	ng	91
66) n-Nitrosodiphenylamine	10.645	169	693350	62.989	ng	99
67) 4-Bromophenyl-phenylether	11.016	248	274734	64.889	ng	94
68) Hexachlorobenzene	11.080	284	305646	68.018	ng	94
69) Atrazine	11.174	200	193342	57.048	ng	99
70) Pentachlorophenol	11.274	266	173376	75.202	ng	97
71) Phenanthrene	11.504	178	1211571	64.897	ng	99
72) Anthracene	11.557	178	1176443	64.121	ng	100
73) Carbazole	11.710	167	999824	63.885	ng	99
74) Di-n-butylphthalate	12.033	149	1158863	62.839	ng	100
75) Fluoranthene	12.698	202	1287140	65.429	ng	99
77) Benzidine	12.815	184	169160	42.189	ng	100
78) Pyrene	12.927	202	1288245	67.264	ng	100
80) Butylbenzylphthalate	13.545	149	372023	67.416	ng	88
81) Benzo(a)anthracene	14.121	228	918527	61.733	ng	99
82) 3,3'-Dichlorobenzidine	14.080	252	247567	62.702	ng	98
83) Chrysene	14.157	228	896286	61.398	ng	100
84) Bis(2-ethylhexyl)phtha...	14.104	149	405021	54.380	ng	99
85) Di-n-octyl phthalate	14.727	149	524611	46.710	ng	99
87) Indeno(1,2,3-cd)pyrene	17.209	276	911671	71.191	ng	99
88) Benzo(b)fluoranthene	15.198	252	765934	60.469	ng	99
89) Benzo(k)fluoranthene	15.233	252	777373	59.721	ng	100
90) Benzo(a)pyrene	15.586	252	649678	62.510	ng	99
91) Dibenzo(a,h)anthracene	17.233	278	741139	70.099	ng	99
92) Benzo(g,h,i)perylene	17.692	276	747192	70.808	ng	98

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

