

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021023\
 Data File : BF132388.D
 Acq On : 10 Feb 2023 12:14
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/13/2023
 Supervised By : Jagrut Upadhyay 02/13/2023

Quant Time: Feb 11 00:32:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 11 00:16:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.043	152	169828	20.000	ng	0.00
21) Naphthalene-d8	8.325	136	602498	20.000	ng	0.00
39) Acenaphthene-d10	10.095	164	299406	20.000	ng	0.00
64) Phenanthrene-d10	11.589	188	558260	20.000	ng	0.00
76) Chrysene-d12	14.248	240	300532	20.000	ng	0.00
86) Perylene-d12	15.818	264	280566	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.654	112	805445	76.234	ng	0.00
7) Phenol-d6	6.660	99	953088	73.170	ng	0.00
23) Nitrobenzene-d5	7.607	82	783268	72.343	ng	0.00
42) 2,4,6-Tribromophenol	10.883	330	285273	92.652	ng	0.00
45) 2-Fluorobiphenyl	9.407	172	1456236	75.109	ng	0.00
79) Terphenyl-d14	13.183	244	1528538	98.386	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.937	88	206521	41.542	ng	94
3) Pyridine	3.702	79	510513	37.853	ng	96
4) n-Nitrosodimethylamine	3.666	42	149089	34.547	ng	88
6) Aniline	6.707	93	607712m	34.381	ng	
8) 2-Chlorophenol	6.825	128	428490	39.158	ng	96
9) Benzaldehyde	6.590	77	190223	22.726	ng	96
10) Phenol	6.672	94	487860	36.186	ng	96
11) bis(2-Chloroethyl)ether	6.772	93	411054	37.046	ng	94
12) 1,3-Dichlorobenzene	6.984	146	456153	39.414	ng	97
13) 1,4-Dichlorobenzene	7.060	146	459106	39.740	ng	98
14) 1,2-Dichlorobenzene	7.213	146	420798	39.057	ng	98
15) Benzyl Alcohol	7.178	79	324587	34.151	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.307	45	351652	30.081	ng	95
17) 2-Methylphenol	7.284	107	357289	37.300	ng	98
18) Hexachloroethane	7.554	117	167286	38.600	ng	98
19) n-Nitroso-di-n-propyla...	7.448	70	230698	31.180	ng	97
20) 3+4-Methylphenols	7.437	107	450040	36.811	ng	96
22) Acetophenone	7.448	105	531439	37.507	ng	98
24) Nitrobenzene	7.625	77	389198	35.186	ng	94
25) Isophorone	7.860	82	712681	34.681	ng	96
26) 2-Nitrophenol	7.942	139	226063	41.958	ng	# 87
27) 2,4-Dimethylphenol	7.966	122	367543	38.974	ng	100
28) bis(2-Chloroethoxy)met...	8.066	93	457244	36.207	ng	100
29) 2,4-Dichlorophenol	8.178	162	346498	41.384	ng	98
30) 1,2,4-Trichlorobenzene	8.266	180	371735	41.461	ng	97
31) Naphthalene	8.354	128	1172688	39.542	ng	99
32) Benzoic acid	8.072	122	239038m	34.244	ng	
33) 4-Chloroaniline	8.395	127	529556m	40.268	ng	
34) Hexachlorobutadiene	8.460	225	223404	44.323	ng	99
35) Caprolactam	8.772	113	109149	38.240	ng	# 81
36) 4-Chloro-3-methylphenol	8.866	107	353091	39.145	ng	97
37) 2-Methylnaphthalene	9.042	142	785353	39.095	ng	99
38) 1-Methylnaphthalene	9.142	142	738375	39.552	ng	98
40) 1,2,4,5-Tetrachloroben...	9.207	216	356999	42.371	ng	98
41) Hexachlorocyclopentadiene	9.195	237	191593	38.975	ng	100
43) 2,4,6-Trichlorophenol	9.319	196	250939	41.664	ng	97

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44) 2,4,5-Trichlorophenol	9.354	196	291437	42.041	ng	99
46) 1,1'-Biphenyl	9.507	154	905781	39.241	ng	97
47) 2-Chloronaphthalene	9.536	162	697051	39.649	ng	99
48) 2-Nitroaniline	9.631	65	177216	33.894	ng	# 74
49) Acenaphthylene	9.954	152	1136096	39.595	ng	100
50) Dimethylphthalate	9.807	163	837186	39.973	ng	99
51) 2,6-Dinitrotoluene	9.872	165	192335	41.119	ng	# 78
52) Acenaphthene	10.131	154	710912	39.575	ng	99
53) 3-Nitroaniline	10.042	138	221088	38.976	ng	96
54) 2,4-Dinitrophenol	10.142	184	98832	38.807	ng	95
55) Dibenzofuran	10.301	168	985821	39.059	ng	99
56) 4-Nitrophenol	10.189	139	164801	38.608	ng	95
57) 2,4-Dinitrotoluene	10.272	165	255313	42.019	ng	94
58) Fluorene	10.642	166	762304	39.245	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.413	232	216051	42.751	ng	96
60) Diethylphthalate	10.507	149	838434	40.242	ng	99
61) 4-Chlorophenyl-phenyle...	10.631	204	378825	41.094	ng	97
62) 4-Nitroaniline	10.660	138	186293	34.248	ng	96
63) Azobenzene	10.795	77	681776	33.594	ng	93
65) 4,6-Dinitro-2-methylph...	10.683	198	139829	44.132	ng	93
66) n-Nitrosodiphenylamine	10.754	169	672384	38.464	ng	100
67) 4-Bromophenyl-phenylether	11.125	248	237405	41.529	ng	95
68) Hexachlorobenzene	11.195	284	259543	42.478	ng	92
69) Atrazine	11.278	200	208094	41.386	ng	99
70) Pentachlorophenol	11.383	266	174276	41.512	ng	99
71) Phenanthrene	11.613	178	1131912	38.801	ng	100
72) Anthracene	11.666	178	1160451	39.088	ng	99
73) Carbazole	11.819	167	1011638	38.003	ng	100
74) Di-n-butylphthalate	12.142	149	1240357	39.413	ng	99
75) Fluoranthene	12.813	202	1132909	38.056	ng	98
77) Benzidine	12.930	184	193841	18.449	ng	99
78) Pyrene	13.042	202	1140736	47.192	ng	100
80) Butylbenzylphthalate	13.654	149	457695	42.857	ng	94
81) Benzo(a)anthracene	14.236	228	834053	39.680	ng	99
82) 3,3'-Dichlorobenzidine	14.195	252	233311	34.849	ng	98
83) Chrysene	14.277	228	783456	39.805	ng	99
84) Bis(2-ethylhexyl)phtha...	14.207	149	568610	39.391	ng	99
85) Di-n-octyl phthalate	14.836	149	774683	32.903	ng	# 95
87) Indeno(1,2,3-cd)pyrene	17.442	276	892618	47.881	ng	96
88) Benzo(b)fluoranthene	15.348	252	674120m	37.800	ng	
89) Benzo(k)fluoranthene	15.377	252	688539	40.447	ng	98
90) Benzo(a)pyrene	15.748	252	665780	40.090	ng	99
91) Dibenzo(a,h)anthracene	17.465	278	732211	48.852	ng	97
92) Benzo(g,h,i)perylene	17.942	276	757349	48.910	ng	96

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

