

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
 Data File : BF136864.D
 Acq On : 02 Jan 2024 11:21
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/03/2024
 Supervised By :mohammad ahmed 01/03/2024

Quant Time: Jan 02 12:06:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	75668	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	296288	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	149048	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	280239	20.000	ng	0.00
76) Chrysene-d12	13.963	240	156969	20.000	ng	0.00
86) Perylene-d12	15.439	264	142624	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	402505	82.997	ng	-0.01
7) Phenol-d6	6.434	99	508865	80.979	ng	0.00
23) Nitrobenzene-d5	7.351	82	457368	78.991	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	140458	80.016	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	889741	80.289	ng	-0.01
79) Terphenyl-d14	12.904	244	904277	80.506	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.540	88	83651	41.398	ng	93
3) Pyridine	3.299	79	202020	40.976	ng	93
4) n-Nitrosodimethylamine	3.269	42	101494	38.550	ng	100
6) Aniline	6.451	93	243146	38.701	ng	# 80
8) 2-Chlorophenol	6.575	128	218009	41.079	ng	92
9) Benzaldehyde	6.340	77	133916	37.466	ng	99
10) Phenol	6.445	94	263031	39.211	ng	98
11) bis(2-Chloroethyl)ether	6.528	93	205285	40.240	ng	95
12) 1,3-Dichlorobenzene	6.722	146	237584	41.037	ng	98
13) 1,4-Dichlorobenzene	6.798	146	237810	40.201	ng	99
14) 1,2-Dichlorobenzene	6.951	146	225014	40.878	ng	98
15) Benzyl Alcohol	6.928	79	166947	39.380	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	316692	37.970	ng	92
17) 2-Methylphenol	7.045	107	171355	38.975	ng	97
18) Hexachloroethane	7.287	117	87811	40.874	ng	98
19) n-Nitroso-di-n-propyla...	7.198	70	147982	38.848	ng	97
20) 3+4-Methylphenols	7.198	107	217278	39.558	ng	# 80
22) Acetophenone	7.192	105	293750	39.555	ng	93
24) Nitrobenzene	7.369	77	230767	39.786	ng	96
25) Isophorone	7.604	82	404431	38.386	ng	100
26) 2-Nitrophenol	7.681	139	114349	41.206	ng	97
27) 2,4-Dimethylphenol	7.722	122	135507	40.109	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	249701	38.990	ng	98
29) 2,4-Dichlorophenol	7.922	162	176584	40.598	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	198700	41.001	ng	99
31) Naphthalene	8.081	128	654076	40.183	ng	99
32) Benzoic acid	7.857	122	116293m	35.575	ng	
33) 4-Chloroaniline	8.134	127	232161	38.630	ng	98
34) Hexachlorobutadiene	8.198	225	120335	40.870	ng	96
35) Caprolactam	8.522	113	63795	44.460	ng	94
36) 4-Chloro-3-methylphenol	8.628	107	190624	38.930	ng	100
37) 2-Methylnaphthalene	8.775	142	410008	39.139	ng	100
38) 1-Methylnaphthalene	8.875	142	403093	39.221	ng	100
40) 1,2,4,5-Tetrachloroben...	8.939	216	191482	41.483	ng	99
41) Hexachlorocyclopentadiene	8.922	237	38873	29.693	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	119351	40.317	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
 Data File : BF136864.D
 Acq On : 02 Jan 2024 11:21
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/03/2024
 Supervised By :mohammad ahmed 01/03/2024

Quant Time: Jan 02 12:06:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	133845	40.574	ng	99
46) 1,1'-Biphenyl	9.239	154	510848	40.844	ng	99
47) 2-Chloronaphthalene	9.263	162	389388	40.952	ng	99
48) 2-Nitroaniline	9.369	65	117383	39.423	ng	90
49) Acenaphthylene	9.681	152	585902	40.314	ng	100
50) Dimethylphthalate	9.545	163	431241	39.611	ng	99
51) 2,6-Dinitrotoluene	9.610	165	98842	40.004	ng	92
52) Acenaphthene	9.851	154	363301	40.327	ng	98
53) 3-Nitroaniline	9.781	138	103010	39.357	ng	96
54) 2,4-Dinitrophenol	9.892	184	49348	38.090	ng	96
55) Dibenzofuran	10.028	168	541226	39.632	ng	95
56) 4-Nitrophenol	9.957	139	80008	45.283	ng	93
57) 2,4-Dinitrotoluene	10.016	165	127878	39.868	ng	98
58) Fluorene	10.369	166	433070	39.967	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	98713	38.873	ng	96
60) Diethylphthalate	10.245	149	439559	38.914	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	210217	39.913	ng	94
62) 4-Nitroaniline	10.398	138	92113m	36.507	ng	
63) Azobenzene	10.522	77	408833	38.751	ng	98
65) 4,6-Dinitro-2-methylph...	10.428	198	61396	38.228	ng	90
66) n-Nitrosodiphenylamine	10.481	169	373561	41.035	ng	100
67) 4-Bromophenyl-phenylether	10.851	248	128273	41.215	ng	99
68) Hexachlorobenzene	10.916	284	144105	41.549	ng	96
69) Atrazine	11.010	200	64526	27.713	ng	98
70) Pentachlorophenol	11.116	266	58383	36.114	ng	97
71) Phenanthrene	11.333	178	580582	40.376	ng	99
72) Anthracene	11.386	178	587244	40.326	ng	99
73) Carbazole	11.545	167	561544	40.900	ng	99
74) Di-n-butylphthalate	11.875	149	691918	41.300	ng	99
75) Fluoranthene	12.527	202	620705	40.356	ng	98
77) Benzidine	12.657	184	121502	26.252	ng	99
78) Pyrene	12.757	202	621494	40.333	ng	100
80) Butylbenzylphthalate	13.380	149	239334	42.685	ng	98
81) Benzo(a)anthracene	13.957	228	433887	39.807	ng	100
82) 3,3'-Dichlorobenzidine	13.916	252	124984	40.377	ng	# 96
83) Chrysene	13.992	228	417969	39.213	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	315406	44.709	ng	# 97
85) Di-n-octyl phthalate	14.563	149	477046	43.716	ng	98
87) Indeno(1,2,3-cd)pyrene	16.951	276	445577	43.270	ng	100
88) Benzo(b)fluoranthene	15.010	252	368180	38.650	ng	100
89) Benzo(k)fluoranthene	15.039	252	365003	40.551	ng	99
90) Benzo(a)pyrene	15.380	252	326151	40.561	ng	98
91) Dibenzo(a,h)anthracene	16.962	278	363591	43.038	ng	97
92) Benzo(g,h,i)perylene	17.404	276	375804	43.432	ng	97

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

