

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051623\
 Data File : BF133397.D
 Acq On : 16 May 2023 12:10
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/17/2023
 Supervised By : Jagrut Upadhyay 05/17/2023

Quant Time: May 16 12:45:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:40:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	238286	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	928167	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	479431	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	846602	20.000	ng	0.00
76) Chrysene-d12	13.886	240	520379	20.000	ng	0.00
86) Perylene-d12	15.304	264	484316	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1200255	76.090	ng	0.00
7) Phenol-d6	6.369	99	1461560	74.649	ng	0.00
23) Nitrobenzene-d5	7.292	82	1296521	75.398	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	365202	75.743	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2187858	76.346	ng	0.00
79) Terphenyl-d14	12.833	244	2264265	75.043	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.369	88	274203	37.477	ng	96
3) Pyridine	3.063	79	745720	38.374	ng	96
4) n-Nitrosodimethylamine	3.028	42	334759	33.258	ng	91
6) Aniline	6.387	93	911255	36.136	ng	# 54
8) 2-Chlorophenol	6.510	128	619693	38.692	ng	95
9) Benzaldehyde	6.269	77	362013	40.123	ng	98
10) Phenol	6.387	94	764201	35.381	ng	# 61
11) bis(2-Chloroethyl)ether	6.463	93	600356	37.040	ng	96
12) 1,3-Dichlorobenzene	6.663	146	658046	38.645	ng	97
13) 1,4-Dichlorobenzene	6.740	146	656995	38.498	ng	98
14) 1,2-Dichlorobenzene	6.892	146	614588	39.063	ng	98
15) Benzyl Alcohol	6.869	79	487240	36.027	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.004	45	913846	32.461	ng	88
17) 2-Methylphenol	6.992	107	550432	37.533	ng	96
18) Hexachloroethane	7.234	117	223888	37.735	ng	100
19) n-Nitroso-di-n-propyla...	7.145	70	412352	33.830	ng	94
20) 3+4-Methylphenols	7.145	107	671434	38.877	ng	# 73
22) Acetophenone	7.140	105	837023	38.930	ng	# 95
24) Nitrobenzene	7.310	77	663308	38.067	ng	100
25) Isophorone	7.551	82	1207572	36.987	ng	99
26) 2-Nitrophenol	7.628	139	359655	42.793	ng	89
27) 2,4-Dimethylphenol	7.669	122	557483	38.683	ng	99
28) bis(2-Chloroethoxy)met...	7.763	93	726195	37.598	ng	99
29) 2,4-Dichlorophenol	7.875	162	522056	39.793	ng	97
30) 1,2,4-Trichlorobenzene	7.951	180	533964	39.287	ng	99
31) Naphthalene	8.028	128	1804588	38.887	ng	100
32) Benzoic acid	7.804	122	307074	34.496	ng	95
33) 4-Chloroaniline	8.081	127	790475	42.159	ng	99
34) Hexachlorobutadiene	8.145	225	292869	38.878	ng	99
35) Caprolactam	8.463	113	183995m	41.748	ng	
36) 4-Chloro-3-methylphenol	8.569	107	559395	39.540	ng	98
37) 2-Methylnaphthalene	8.722	142	1212732	38.225	ng	99
38) 1-Methylnaphthalene	8.822	142	1135442	38.257	ng	99
40) 1,2,4,5-Tetrachloroben...	8.886	216	493573	38.290	ng	99
41) Hexachlorocyclopentadiene	8.875	237	288949	38.435	ng	98
43) 2,4,6-Trichlorophenol	9.004	196	341466	38.304	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051623\
 Data File : BF133397.D
 Acq On : 16 May 2023 12:10
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/17/2023
 Supervised By : Jagrut Upadhyay 05/17/2023

Quant Time: May 16 12:45:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:40:17 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	399248	38.724	ng	100
46) 1,1'-Biphenyl	9.186	154	1452164	38.198	ng	98
47) 2-Chloronaphthalene	9.210	162	1063592	38.223	ng	99
48) 2-Nitroaniline	9.310	65	358425	38.975	ng	96
49) Acenaphthylene	9.622	152	1700682	38.251	ng	100
50) Dimethylphthalate	9.486	163	1296072	38.770	ng	100
51) 2,6-Dinitrotoluene	9.551	165	297928	39.596	ng	89
52) Acenaphthene	9.792	154	1130293m	37.957	ng	
53) 3-Nitroaniline	9.722	138	358223	40.041	ng	99
54) 2,4-Dinitrophenol	9.833	184	137430	36.338	ng	# 88
55) Dibenzofuran	9.969	168	1526421	37.578	ng	99
56) 4-Nitrophenol	9.892	139	263264	37.994	ng	96
57) 2,4-Dinitrotoluene	9.957	165	379989	39.601	ng	92
58) Fluorene	10.310	166	1152942	38.741	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.092	232	306456	38.340	ng	97
60) Diethylphthalate	10.186	149	1200025	38.004	ng	98
61) 4-Chlorophenyl-phenyle...	10.298	204	553690	38.179	ng	95
62) 4-Nitroaniline	10.333	138	354912	43.163	ng	99
63) Azobenzene	10.463	77	1207117	36.087	ng	96
65) 4,6-Dinitro-2-methylph...	10.369	198	213338	41.575	ng	91
66) n-Nitrosodiphenylamine	10.422	169	1032210	37.587	ng	98
67) 4-Bromophenyl-phenylether	10.792	248	345385	37.616	ng	98
68) Hexachlorobenzene	10.863	284	359867	38.249	ng	94
69) Atrazine	10.951	200	305518	38.610	ng	99
70) Pentachlorophenol	11.057	266	261845	39.077	ng	98
71) Phenanthrene	11.269	178	1681197	36.947	ng	99
72) Anthracene	11.322	178	1769559	38.001	ng	100
73) Carbazole	11.480	167	1564255	37.725	ng	99
74) Di-n-butylphthalate	11.810	149	1832726	39.058	ng	99
75) Fluoranthene	12.457	202	1687927	36.962	ng	98
77) Benzidine	12.580	184	810103	92.058	ng	94
78) Pyrene	12.686	202	1734333	38.879	ng	99
80) Butylbenzylphthalate	13.304	149	740438	46.879	ng	97
81) Benzo(a)anthracene	13.874	228	1296651	36.235	ng	98
82) 3,3'-Dichlorobenzidine	13.839	252	388141	39.263	ng	98
83) Chrysene	13.910	228	1321730	36.945	ng	99
84) Bis(2-ethylhexyl)phtha...	13.863	149	862818	43.521	ng	# 99
85) Di-n-octyl phthalate	14.474	149	1288046	39.845	ng	96
87) Indeno(1,2,3-cd)pyrene	16.698	276	1103631	40.061	ng	99
88) Benzo(b)fluoranthene	14.898	252	1016626	32.995	ng	98
89) Benzo(k)fluoranthene	14.927	252	1043191	34.155	ng	99
90) Benzo(a)pyrene	15.245	252	980877	34.975	ng	99
91) Dibenzo(a,h)anthracene	16.704	278	924051	40.216	ng	99
92) Benzo(g,h,i)perylene	17.109	276	931125	41.047	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051623\
Data File : BF133397.D
Acq On : 16 May 2023 12:10
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 05/17/2023
Supervised By : Jagrut Upadhyay 05/17/2023

Quant Time: May 16 12:45:12 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu May 11 16:40:17 2023

Response via : Initial Calibration

