

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
 Data File : BF128638.D
 Acq On : 02 Jun 2022 11:36
 Operator : CG\JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/03/2022
 Supervised By : Jagrut Upadhyay 06/03/2022

Quant Time: Jun 02 13:36:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 13:34:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	131717	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	468913	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	264559	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	488370	20.000	ng	0.00
76) Chrysene-d12	13.998	240	349956	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	272550	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	358628	45.099	ng	0.00
7) Phenol-d6	6.498	99	436139	43.016	ng	0.00
23) Nitrobenzene-d5	7.392	82	430990	53.023	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	132935	52.791	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	800515	49.159	ng	0.00
79) Terphenyl-d14	12.939	244	892504	49.271	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.610	88	65200	18.388	ng	# 92
3) Pyridine	3.346	79	173316	18.880	ng	# 88
4) n-Nitrosodimethylamine	3.299	42	118752	24.686	ng	# 69
6) Aniline	6.487	93	236944	20.027	ng	89
8) 2-Chlorophenol	6.628	128	188274	22.834	ng	95
9) Benzaldehyde	6.375	77	134725	27.469	ng	94
10) Phenol	6.510	94	232810m	23.172	ng	
11) bis(2-Chloroethyl)ether	6.563	93	171109	20.805	ng	97
12) 1,3-Dichlorobenzene	6.763	146	215551	23.009	ng	95
13) 1,4-Dichlorobenzene	6.840	146	211313	22.301	ng	98
14) 1,2-Dichlorobenzene	6.992	146	194748	22.331	ng	96
15) Benzyl Alcohol	6.975	79	180004	23.277	ng	90
16) 2,2'-oxybis(1-Chloropr...	7.098	45	274748	18.875	ng	91
17) 2-Methylphenol	7.116	107	142368	20.287	ng	93
18) Hexachloroethane	7.340	117	78712	23.549	ng	99
19) n-Nitroso-di-n-propyla...	7.239	70	134212	21.589	ng	95
20) 3+4-Methylphenols	7.263	107	192115	22.660	ng	# 81
22) Acetophenone	7.234	105	260080	24.054	ng	# 94
24) Nitrobenzene	7.410	77	195963	24.386	ng	98
25) Isophorone	7.645	82	323575	21.579	ng	96
26) 2-Nitrophenol	7.722	139	87054	25.920	ng	# 82
27) 2,4-Dimethylphenol	7.781	122	133687	20.025	ng	92
28) bis(2-Chloroethoxy)met...	7.857	93	205021	21.068	ng	98
29) 2,4-Dichlorophenol	7.992	162	152070	22.011	ng	97
30) 1,2,4-Trichlorobenzene	8.051	180	175403	23.438	ng	97
31) Naphthalene	8.134	128	512819	22.345	ng	99
32) Benzoic acid	7.898	122	90026	19.077	ng	90
33) 4-Chloroaniline	8.187	127	195957	21.444	ng	97
34) Hexachlorobutadiene	8.245	225	121436	25.700	ng	99
35) Caprolactam	8.545	113	41041m	19.264	ng	
36) 4-Chloro-3-methylphenol	8.692	107	168203	23.699	ng	99
37) 2-Methylnaphthalene	8.822	142	327144	22.583	ng	100
38) 1-Methylnaphthalene	8.922	142	321859	22.844	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	175639	24.176	ng	99
41) Hexachlorocyclopentadiene	8.975	237	107181	26.246	ng	98
43) 2,4,6-Trichlorophenol	9.110	196	119710	22.345	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
 Data File : BF128638.D
 Acq On : 02 Jun 2022 11:36
 Operator : CG\JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/03/2022
 Supervised By : Jagrut Upadhyay 06/03/2022

Quant Time: Jun 02 13:36:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 13:34:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	120409	21.813	ng	# 91
46) 1,1'-Biphenyl	9.286	154	422933	22.767	ng	99
47) 2-Chloronaphthalene	9.310	162	324244	22.235	ng	97
48) 2-Nitroaniline	9.410	65	109380	26.974	ng	90
49) Acenaphthylene	9.728	152	496579	22.166	ng	98
50) Dimethylphthalate	9.586	163	366329	21.347	ng	99
51) 2,6-Dinitrotoluene	9.651	165	76274	24.252	ng	# 84
52) Acenaphthene	9.898	154	319100m	23.086	ng	
53) 3-Nitroaniline	9.822	138	84322	23.215	ng	97
54) 2,4-Dinitrophenol	9.922	184	37524	28.326	ng	# 80
55) Dibenzofuran	10.069	168	461231	22.491	ng	91
56) 4-Nitrophenol	10.033	139	61413	20.837	ng	# 64
57) 2,4-Dinitrotoluene	10.051	165	103912	27.616	ng	92
58) Fluorene	10.416	166	354741	24.028	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	102664m	22.950	ng	
60) Diethylphthalate	10.286	149	391559	23.488	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	185123	24.714	ng	96
62) 4-Nitroaniline	10.439	138	86412	24.848	ng	# 81
63) Azobenzene	10.569	77	387522	22.834	ng	96
65) 4,6-Dinitro-2-methylph...	10.457	198	58070	28.500	ng	85
66) n-Nitrosodiphenylamine	10.528	169	327690	22.412	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	116810	23.150	ng	94
68) Hexachlorobenzene	10.963	284	128940	23.141	ng	# 91
69) Atrazine	11.057	200	105105	23.162	ng	98
70) Pentachlorophenol	11.163	266	63339	18.654	ng	97
71) Phenanthrene	11.380	178	528695	22.853	ng	99
72) Anthracene	11.427	178	527482	22.826	ng	99
73) Carbazole	11.586	167	499986	22.576	ng	99
74) Di-n-butylphthalate	11.916	149	592896	22.746	ng	99
75) Fluoranthene	12.569	202	571343	23.100	ng	95
77) Benzidine	12.692	184	149486	18.519	ng	99
78) Pyrene	12.798	202	578480	21.942	ng	97
80) Butylbenzylphthalate	13.421	149	240658	21.641	ng	94
81) Benzo(a)anthracene	13.986	228	466218	22.414	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	107389	20.162	ng	99
83) Chrysene	14.027	228	446310	20.952	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	294613	21.905	ng	100
85) Di-n-octyl phthalate	14.592	149	455564	19.242	ng	100
87) Indeno(1,2,3-cd)pyrene	16.915	276	312196	19.421	ng	# 91
88) Benzo(b)fluoranthene	15.033	252	364008	21.470	ng	# 96
89) Benzo(k)fluoranthene	15.063	252	374427	23.836	ng	# 97
90) Benzo(a)pyrene	15.398	252	294536	21.653	ng	# 96
91) Dibenzo(a,h)anthracene	16.933	278	258906	19.425	ng	# 95
92) Benzo(g,h,i)perylene	17.351	276	248866	18.825	ng	# 90

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

