

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022223\
 Data File : BF132508.D
 Acq On : 22 Feb 2023 16:30
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF022223

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/23/2023
 Supervised By : Jagrut Upadhyay 02/23/2023

Quant Time: Feb 23 01:01:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 23 00:59:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.013	152	201910	20.000	ng	0.00
21) Naphthalene-d8	8.295	136	716396	20.000	ng	0.00
39) Acenaphthene-d10	10.060	164	380617	20.000	ng	0.00
64) Phenanthrene-d10	11.554	188	725553	20.000	ng	0.00
76) Chrysene-d12	14.213	240	426607	20.000	ng	# 0.00
86) Perylene-d12	15.765	264	387172	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.637	112	1019731	81.967	ng	0.00
7) Phenol-d6	6.642	99	1317753	81.161	ng	0.00
23) Nitrobenzene-d5	7.578	82	1239809	82.108	ng	0.00
42) 2,4,6-Tribromophenol	10.854	330	342580	83.343	ng	0.00
45) 2-Fluorobiphenyl	9.378	172	1885350	75.424	ng	0.00
79) Terphenyl-d14	13.148	244	2140949	84.851	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.896	88	291218	42.318	ng	99
3) Pyridine	3.666	79	759517	41.579	ng	99
4) n-Nitrosodimethylamine	3.631	42	289277	41.925	ng	97
6) Aniline	6.678	93	929956	42.561	ng	99
8) 2-Chlorophenol	6.801	128	534365	41.385	ng	97
9) Benzaldehyde	6.566	77	341842	39.018	ng	99
10) Phenol	6.654	94	772192	41.483	ng	99
11) bis(2-Chloroethyl)ether	6.742	93	595781	41.460	ng	99
12) 1,3-Dichlorobenzene	6.954	146	565604	40.820	ng	98
13) 1,4-Dichlorobenzene	7.031	146	563138	40.702	ng	100
14) 1,2-Dichlorobenzene	7.184	146	513199	38.650	ng	99
15) Benzyl Alcohol	7.154	79	526729	42.124	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.284	45	748847	40.865	ng	99
17) 2-Methylphenol	7.266	107	490203	40.679	ng	99
18) Hexachloroethane	7.525	117	219577	40.623	ng	97
19) n-Nitroso-di-n-propyla...	7.425	70	389932	39.023	ng	98
20) 3+4-Methylphenols	7.413	107	569134	36.557	ng	# 87
22) Acetophenone	7.419	105	714149	39.534	ng	97
24) Nitrobenzene	7.595	77	672133	41.621	ng	95
25) Isophorone	7.831	82	1181080	40.798	ng	98
26) 2-Nitrophenol	7.913	139	300515	42.176	ng	96
27) 2,4-Dimethylphenol	7.942	122	456342	40.580	ng	97
28) bis(2-Chloroethoxy)met...	8.037	93	699795	41.322	ng	100
29) 2,4-Dichlorophenol	8.154	162	464016	41.480	ng	97
30) 1,2,4-Trichlorobenzene	8.236	180	496411	40.867	ng	99
31) Naphthalene	8.319	128	1482951	40.435	ng	99
32) Benzoic acid	8.072	122	357645m	40.969	ng	
33) 4-Chloroaniline	8.366	127	655902	41.735	ng	98
34) Hexachlorobutadiene	8.431	225	319474	41.389	ng	99
35) Caprolactam	8.748	113	157027	42.579	ng	92
36) 4-Chloro-3-methylphenol	8.848	107	505275	41.129	ng	96
37) 2-Methylnaphthalene	9.013	142	1000086	40.014	ng	100
38) 1-Methylnaphthalene	9.113	142	938957	40.199	ng	100
40) 1,2,4,5-Tetrachloroben...	9.178	216	511885	41.106	ng	100
41) Hexachlorocyclopentadiene	9.160	237	303324	44.908	ng	98
43) 2,4,6-Trichlorophenol	9.289	196	354726	42.033	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022223\
 Data File : BF132508.D
 Acq On : 22 Feb 2023 16:30
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF022223

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/23/2023
 Supervised By : Jagrut Upadhyay 02/23/2023

Quant Time: Feb 23 01:01:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 23 00:59:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.336	196	418228	42.461	ng	95
46) 1,1'-Biphenyl	9.478	154	1167343	40.521	ng	99
47) 2-Chloronaphthalene	9.507	162	932204	40.814	ng	99
48) 2-Nitroaniline	9.601	65	348936	41.480	ng	96
49) Acenaphthylene	9.925	152	1464433	40.286	ng	99
50) Dimethylphthalate	9.778	163	1138019	41.063	ng	100
51) 2,6-Dinitrotoluene	9.842	165	263185	41.699	ng	95
52) Acenaphthene	10.095	154	951752	41.233	ng	99
53) 3-Nitroaniline	10.013	138	296210	41.955	ng	93
54) 2,4-Dinitrophenol	10.119	184	167793	43.060	ng	96
55) Dibenzofuran	10.266	168	1369726	40.704	ng	97
56) 4-Nitrophenol	10.178	139	236276	44.875	ng	94
57) 2,4-Dinitrotoluene	10.248	165	350379	41.728	ng	96
58) Fluorene	10.613	166	1042063	40.485	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.383	232	309359	42.281	ng	99
60) Diethylphthalate	10.478	149	1108562	40.957	ng	100
61) 4-Chlorophenyl-phenyle...	10.601	204	545960	40.887	ng	96
62) 4-Nitroaniline	10.636	138	295887	42.694	ng	97
63) Azobenzene	10.760	77	1190799	41.542	ng	96
65) 4,6-Dinitro-2-methylph...	10.660	198	222856	45.373	ng	92
66) n-Nitrosodiphenylamine	10.719	169	939300	41.526	ng	99
67) 4-Bromophenyl-phenylether	11.095	248	342897	41.780	ng	98
68) Hexachlorobenzene	11.160	284	358374	41.499	ng	# 92
69) Atrazine	11.242	200	294815	41.749	ng	99
70) Pentachlorophenol	11.360	266	223979	43.593	ng	97
71) Phenanthrene	11.583	178	1523080	40.521	ng	99
72) Anthracene	11.636	178	1572866	40.636	ng	100
73) Carbazole	11.789	167	1418207	40.639	ng	100
74) Di-n-butylphthalate	12.107	149	1680883	41.062	ng	100
75) Fluoranthene	12.777	202	1673850	40.736	ng	99
77) Benzidine	12.895	184	448548	43.193	ng	98
78) Pyrene	13.013	202	1710620	44.104	ng	99
80) Butylbenzylphthalate	13.618	149	669133	43.718	ng	99
81) Benzo(a)anthracene	14.201	228	1340933	42.009	ng	98
82) 3,3'-Dichlorobenzidine	14.160	252	374216	39.766	ng	99
83) Chrysene	14.242	228	1230003	41.208	ng	99
84) Bis(2-ethylhexyl)phtha...	14.171	149	808929	43.023	ng	99
85) Di-n-octyl phthalate	14.801	149	1123649	40.896	ng	100
87) Indeno(1,2,3-cd)pyrene	17.371	276	1148232	45.261	ng	100
88) Benzo(b)fluoranthene	15.301	252	1076416	41.486	ng	98
89) Benzo(k)fluoranthene	15.336	252	989976	38.985	ng	100
90) Benzo(a)pyrene	15.701	252	1000861	41.215	ng	99
91) Dibenzo(a,h)anthracene	17.395	278	933360	45.155	ng	99
92) Benzo(g,h,i)perylene	17.871	276	978986	42.115	ng	100

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

