

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111522\
 Data File : BF131240.D
 Acq On : 15 Nov 2022 19:13
 Operator : CG\JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/16/2022
 Supervised By : Jagrut Upadhyay 11/16/2022

Quant Time: Nov 16 00:29:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 15 22:44:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.981	152	91649	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	297145	20.000	ng	0.00
39) Acenaphthene-d10	10.033	164	165732	20.000	ng	0.00
64) Phenanthrene-d10	11.533	188	302187	20.000	ng	0.00
76) Chrysene-d12	14.192	240	187854	20.000	ng	0.00
86) Perylene-d12	15.733	264	154377	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	746408	138.502	ng	0.00
7) Phenol-d6	6.604	99	945460	134.191	ng	0.01
23) Nitrobenzene-d5	7.557	82	932613	141.609	ng	0.01
42) 2,4,6-Tribromophenol	10.833	330	257659	150.432	ng	0.00
45) 2-Fluorobiphenyl	9.357	172	1618973	136.368	ng	0.00
79) Terphenyl-d14	13.133	244	1773880	165.564	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.781	88	176700	66.611	ng	99
3) Pyridine	3.557	79	492825	67.661	ng	99
4) n-Nitrosodimethylamine	3.540	42	303008	72.115	ng	99
6) Aniline	6.645	93	625596m	72.330	ng	
8) 2-Chlorophenol	6.763	128	417351	67.316	ng	100
10) Phenol	6.616	94	530179	64.371	ng	98
11) bis(2-Chloroethyl)ether	6.716	93	416336	70.655	ng	98
12) 1,3-Dichlorobenzene	6.922	146	469047	68.031	ng	99
13) 1,4-Dichlorobenzene	6.998	146	475107	67.838	ng	99
14) 1,2-Dichlorobenzene	7.151	146	428791	66.097	ng	98
15) Benzyl Alcohol	7.122	79	420478	78.030	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.257	45	774075	78.346	ng	99
17) 2-Methylphenol	7.222	107	357245	68.894	ng	97
18) Hexachloroethane	7.492	117	181572	69.529	ng	96
19) n-Nitroso-di-n-propyla...	7.404	70	325176	70.293	ng	97
20) 3+4-Methylphenols	7.386	107	451186	69.642	ng	# 87
22) Acetophenone	7.398	105	586900	78.925	ng	97
24) Nitrobenzene	7.575	77	490867	76.943	ng	97
25) Isophorone	7.810	82	840421	82.531	ng	99
26) 2-Nitrophenol	7.886	139	193191	68.248	ng	98
27) 2,4-Dimethylphenol	7.916	122	334691	77.099	ng	100
28) bis(2-Chloroethoxy)met...	8.016	93	457409	79.261	ng	99
29) 2,4-Dichlorophenol	8.122	162	368682	79.440	ng	98
30) 1,2,4-Trichlorobenzene	8.210	180	415989	83.120	ng	99
31) Naphthalene	8.292	128	1216789	74.943	ng	98
33) 4-Chloroaniline	8.339	127	490247	75.303	ng	98
34) Hexachlorobutadiene	8.404	225	266827	78.027	ng	99
35) Caprolactam	8.739	113	112026	78.740	ng	97
36) 4-Chloro-3-methylphenol	8.816	107	390550	76.044	ng	96
37) 2-Methylnaphthalene	8.986	142	799940	76.432	ng	99
38) 1-Methylnaphthalene	9.086	142	778464	75.950	ng	99
40) 1,2,4,5-Tetrachloroben...	9.151	216	400108	73.931	ng	99
41) Hexachlorocyclopentadiene	9.139	237	230941	109.367	ng	96
43) 2,4,6-Trichlorophenol	9.263	196	275428	77.549	ng	100
44) 2,4,5-Trichlorophenol	9.298	196	301439	75.859	ng	99
46) 1,1'-Biphenyl	9.457	154	933363	72.839	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111522\
 Data File : BF131240.D
 Acq On : 15 Nov 2022 19:13
 Operator : CG\JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/16/2022
 Supervised By : Jagrut Upadhyay 11/16/2022

Quant Time: Nov 16 00:29:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 15 22:44:23 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	9.480	162	773242	74.362	ng	99
48) 2-Nitroaniline	9.575	65	278190	73.508	ng	97
49) Acenaphthylene	9.904	152	1174184	73.899	ng	100
50) Dimethylphthalate	9.763	163	897594	76.138	ng	99
51) 2,6-Dinitrotoluene	9.822	165	190878	73.674	ng	91
52) Acenaphthene	10.074	154	741061	78.189	ng	99
53) 3-Nitroaniline	9.992	138	204323	68.980	ng	94
54) 2,4-Dinitrophenol	10.092	184	83406	61.333	ng	# 90
55) Dibenzofuran	10.245	168	1048633	74.710	ng	99
56) 4-Nitrophenol	10.139	139	160297	81.308	ng	97
57) 2,4-Dinitrotoluene	10.227	165	243044	70.570	ng	92
58) Fluorene	10.592	166	811654	71.198	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.357	232	252346	82.587	ng	98
60) Diethylphthalate	10.463	149	861709	75.897	ng	99
61) 4-Chlorophenyl-phenyle...	10.580	204	401602	75.698	ng	99
62) 4-Nitroaniline	10.616	138	203541	67.997	ng	98
63) Azobenzene	10.745	77	898053	75.569	ng	99
65) 4,6-Dinitro-2-methylph...	10.633	198	119369	61.438	ng	78
66) n-Nitrosodiphenylamine	10.704	169	717919	70.667	ng	99
67) 4-Bromophenyl-phenylether	11.074	248	267562	78.302	ng	96
68) Hexachlorobenzene	11.133	284	295628	77.630	ng	# 93
69) Atrazine	11.227	200	238474	75.830	ng	100
70) Pentachlorophenol	11.327	266	191461	114.677	ng	98
71) Phenanthrene	11.563	178	1230062	74.011	ng	99
72) Anthracene	11.616	178	1216570	75.420	ng	99
73) Carbazole	11.763	167	1089043	75.920	ng	99
74) Di-n-butylphthalate	12.098	149	1294305	80.000	ng	100
75) Fluoranthene	12.757	202	1345265	80.863	ng	100
77) Benzidine	12.874	184	316343	57.081	ng	97
78) Pyrene	12.986	202	1365330	84.713	ng	99
80) Butylbenzylphthalate	13.604	149	484162	83.906	ng	98
81) Benzo(a)anthracene	14.180	228	1022303	76.136	ng	100
82) 3,3'-Dichlorobenzidine	14.145	252	286783	74.832	ng	97
83) Chrysene	14.221	228	993324	78.334	ng	99
84) Bis(2-ethylhexyl)phtha...	14.168	149	571607	91.765	ng	97
85) Di-n-octyl phthalate	14.798	149	812995	102.922	ng	100
87) Indeno(1,2,3-cd)pyrene	17.327	276	946380	88.186	ng	99
88) Benzo(b)fluoranthene	15.274	252	854842	78.321	ng	99
89) Benzo(k)fluoranthene	15.309	252	792664	75.559	ng	99
90) Benzo(a)pyrene	15.668	252	690710	78.935	ng	99
91) Dibenzo(a,h)anthracene	17.356	278	767753	88.118	ng	98
92) Benzo(g,h,i)perylene	17.821	276	785653	86.549	ng	99

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

