

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020123\
 Data File : BF132253.D
 Acq On : 01 Feb 2023 11:12
 Operator : CG\JU
 Sample : PB150541BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150541BS

Manual Integrations
 APPROVED

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

Quant Time: Feb 02 00:51:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 05:24:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.072	152	184457	20.000	ng	0.00
21) Naphthalene-d8	8.360	136	675558	20.000	ng	0.00
39) Acenaphthene-d10	10.125	164	334638	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	618973	20.000	ng	# 0.00
76) Chrysene-d12	14.289	240	429483	20.000	ng	0.00
86) Perylene-d12	15.871	264	437818	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	1103585	96.169	ng	0.01
7) Phenol-d6	6.684	99	1357677	95.965	ng	0.00
23) Nitrobenzene-d5	7.631	82	822409	67.744	ng	0.00
42) 2,4,6-Tribromophenol	10.919	330	354427	102.992	ng	0.00
45) 2-Fluorobiphenyl	9.437	172	1401289	64.665	ng	0.00
79) Terphenyl-d14	13.213	244	1478205	66.579	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.049	88	222628	41.230	ng	100
3) Pyridine	3.790	79	549228	37.493	ng	99
4) n-Nitrosodimethylamine	3.755	42	193241	41.227	ng	97
6) Aniline	6.731	93	623838m	32.495	ng	
8) 2-Chlorophenol	6.854	128	524036	44.091	ng	98
9) Benzaldehyde	6.619	77	355674	48.366	ng	98
10) Phenol	6.701	94	633880	43.288	ng	96
11) bis(2-Chloroethyl)ether	6.801	93	524972	43.561	ng	97
12) 1,3-Dichlorobenzene	7.013	146	572468	45.541	ng	98
13) 1,4-Dichlorobenzene	7.090	146	580479	46.261	ng	99
14) 1,2-Dichlorobenzene	7.243	146	539277	46.084	ng	98
15) Benzyl Alcohol	7.207	79	443840	42.995	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.337	45	544733	42.901	ng	99
17) 2-Methylphenol	7.307	107	422791	40.638	ng	99
18) Hexachloroethane	7.584	117	219234	46.574	ng	95
19) n-Nitroso-di-n-propyla...	7.478	70	313513	39.013	ng	97
20) 3+4-Methylphenols	7.460	107	543029	40.894	ng	98
22) Acetophenone	7.478	105	691051	43.497	ng	99
24) Nitrobenzene	7.654	77	523559	42.214	ng	96
25) Isophorone	7.890	82	971773	42.174	ng	99
26) 2-Nitrophenol	7.966	139	290731	48.125	ng	97
27) 2,4-Dimethylphenol	7.995	122	480160	45.409	ng	99
28) bis(2-Chloroethoxy)met...	8.095	93	605914	42.791	ng	99
29) 2,4-Dichlorophenol	8.207	162	417653	44.488	ng	98
30) 1,2,4-Trichlorobenzene	8.295	180	462338	45.989	ng	99
31) Naphthalene	8.384	128	1446116	43.488	ng	100
32) Benzoic acid	8.101	122	354452	45.286	ng	96
33) 4-Chloroaniline	8.419	127	244880	16.607	ng	99
34) Hexachlorobutadiene	8.495	225	257827	45.620	ng	99
35) Caprolactam	8.795	113	146721m	45.844	ng	
36) 4-Chloro-3-methylphenol	8.895	107	444942	43.993	ng	97
37) 2-Methylnaphthalene	9.072	142	940147	41.739	ng	100
38) 1-Methylnaphthalene	9.172	142	880985	42.088	ng	100
40) 1,2,4,5-Tetrachloroben...	9.242	216	413485	43.908	ng	99
41) Hexachlorocyclopentadiene	9.225	237	561918	102.274	ng	99
43) 2,4,6-Trichlorophenol	9.348	196	300498	44.640	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.384	196	318105	41.056	ng	98
46) 1,1'-Biphenyl	9.537	154	1120830	43.445	ng	99
47) 2-Chloronaphthalene	9.566	162	876417	44.602	ng	99
48) 2-Nitroaniline	9.654	65	244499	41.839	ng	94
49) Acenaphthylene	9.984	152	1378766	42.993	ng	99
50) Dimethylphthalate	9.836	163	990846	42.329	ng	99
51) 2,6-Dinitrotoluene	9.895	165	236193	45.179	ng	96
52) Acenaphthene	10.160	154	948303	47.232	ng	99
53) 3-Nitroaniline	10.066	138	179955	28.384	ng	99
54) 2,4-Dinitrophenol	10.172	184	256928	84.524	ng	95
55) Dibenzofuran	10.331	168	1189809	42.178	ng	100
56) 4-Nitrophenol	10.219	139	421208	88.288	ng	90
57) 2,4-Dinitrotoluene	10.307	165	311286	45.838	ng	87
58) Fluorene	10.678	166	912339	42.024	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.442	232	258015	45.679	ng	99
60) Diethylphthalate	10.536	149	997471	42.835	ng	99
61) 4-Chlorophenyl-phenyle...	10.666	204	439484	42.655	ng	99
62) 4-Nitroaniline	10.689	138	251579	41.381	ng	96
63) Azobenzene	10.825	77	937543	41.333	ng	99
65) 4,6-Dinitro-2-methylph...	10.713	198	161522	45.978	ng	99
66) n-Nitrosodiphenylamine	10.783	169	810611	41.823	ng	100
67) 4-Bromophenyl-phenylether	11.160	248	272319	42.964	ng	97
68) Hexachlorobenzene	11.225	284	311004	45.908	ng	99
69) Atrazine	11.307	200	266951	47.884	ng	98
70) Pentachlorophenol	11.419	266	352913	75.818	ng	100
71) Phenanthrene	11.648	178	1377011	42.573	ng	100
72) Anthracene	11.701	178	1391077	42.260	ng	99
73) Carbazole	11.854	167	1279285	43.344	ng	99
74) Di-n-butylphthalate	12.172	149	1498953	42.958	ng	100
75) Fluoranthene	12.848	202	1398936	42.383	ng	99
77) Benzidine	12.960	184	733025	48.819	ng	99
78) Pyrene	13.077	202	1441205	41.721	ng	99
80) Butylbenzylphthalate	13.689	149	662243	43.392	ng	99
81) Benzo(a)anthracene	14.277	228	1294454	43.093	ng	99
82) 3,3'-Dichlorobenzidine	14.230	252	273401	28.576	ng	100
83) Chrysene	14.313	228	1183423	42.073	ng	99
84) Bis(2-ethylhexyl)phtha...	14.242	149	893050	43.291	ng	100
85) Di-n-octyl phthalate	14.883	149	1498787	44.544	ng	99
87) Indeno(1,2,3-cd)pyrene	17.524	276	1275169	43.833	ng	99
88) Benzo(b)fluoranthene	15.395	252	1295254	46.542	ng	100
89) Benzo(k)fluoranthene	15.430	252	1173620	44.181	ng	99
90) Benzo(a)pyrene	15.807	252	1076615	41.544	ng	100
91) Dibenzo(a,h)anthracene	17.548	278	1043410	44.611	ng	98
92) Benzo(g,h,i)perylene	18.036	276	1031621	42.694	ng	97

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

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