

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020823\
 Data File : BF132359.D
 Acq On : 08 Feb 2023 16:20
 Operator : CG\JU
 Sample : 01481-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-39-020723MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/09/2023
 Supervised By : Jagrut Upadhyay 02/09/2023

Quant Time: Feb 09 01:59:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 09 01:56:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.048	152	157477	20.000	ng	0.00
21) Naphthalene-d8	8.337	136	597182	20.000	ng	0.00
39) Acenaphthene-d10	10.101	164	284707	20.000	ng	0.00
64) Phenanthrene-d10	11.595	188	449317	20.000	ng	0.00
76) Chrysene-d12	14.260	240	261145	20.000	ng	0.00
86) Perylene-d12	15.830	264	222218	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.678	112	959678	97.956	ng	0.02
7) Phenol-d6	6.666	99	1164709	96.430	ng	0.00
23) Nitrobenzene-d5	7.613	82	699882	65.217	ng	0.00
42) 2,4,6-Tribromophenol	10.895	330	302848	103.438	ng	0.00
45) 2-Fluorobiphenyl	9.413	172	1224902	66.439	ng	0.00
79) Terphenyl-d14	13.183	244	913947	67.700	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.013	88	188088	40.801	ng	95
3) Pyridine	3.766	79	453659	36.275	ng	96
4) n-Nitrosodimethylamine	3.731	42	154797	38.683	ng	96
6) Aniline	6.707	93	325380m	19.852	ng	
8) 2-Chlorophenol	6.831	128	503188	49.591	ng	96
9) Benzaldehyde	6.601	77	267711	39.439	ng	94
10) Phenol	6.684	94	554878	44.385	ng	97
11) bis(2-Chloroethyl)ether	6.778	93	464598	45.156	ng	95
12) 1,3-Dichlorobenzene	6.990	146	533421	49.705	ng	98
13) 1,4-Dichlorobenzene	7.066	146	537371	50.163	ng	99
14) 1,2-Dichlorobenzene	7.219	146	513187	51.368	ng	98
15) Benzyl Alcohol	7.184	79	384376	43.614	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.319	45	426213	39.318	ng	94
17) 2-Methylphenol	7.290	107	385008	43.346	ng	99
18) Hexachloroethane	7.566	117	194059	48.289	ng	93
19) n-Nitroso-di-n-propyla...	7.460	70	266315	38.817	ng	95
20) 3+4-Methylphenols	7.442	107	485816	42.854	ng	96
22) Acetophenone	7.460	105	622193	44.303	ng	97
24) Nitrobenzene	7.631	77	453821	41.394	ng	96
25) Isophorone	7.872	82	852090	41.834	ng	95
26) 2-Nitrophenol	7.948	139	266099	49.829	ng	91
27) 2,4-Dimethylphenol	7.978	122	436825	46.733	ng	99
28) bis(2-Chloroethoxy)met...	8.078	93	548146	43.792	ng	98
29) 2,4-Dichlorophenol	8.190	162	393095	47.368	ng	98
30) 1,2,4-Trichlorobenzene	8.272	180	439106	49.411	ng	98
31) Naphthalene	8.360	128	1357635	46.186	ng	99
32) Benzoic acid	8.078	122	291088m	42.071	ng	
33) 4-Chloroaniline	8.401	127	113423	8.702	ng	95
34) Hexachlorobutadiene	8.472	225	258647	51.772	ng	98
35) Caprolactam	8.778	113	128068m	45.267	ng	
36) 4-Chloro-3-methylphenol	8.878	107	407206	45.546	ng	97
37) 2-Methylnaphthalene	9.048	142	884299	44.412	ng	98
38) 1-Methylnaphthalene	9.148	142	816983	44.153	ng	100
40) 1,2,4,5-Tetrachloroben...	9.219	216	408917	51.038	ng	99
41) Hexachlorocyclopentadiene	9.201	237	271131	58.003	ng	100
43) 2,4,6-Trichlorophenol	9.325	196	281751	49.195	ng	99

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44) 2,4,5-Trichlorophenol	9.366	196	290856	44.123	ng	99
46) 1,1'-Biphenyl	9.513	154	1050022	47.838	ng	97
47) 2-Chloronaphthalene	9.542	162	804908	48.147	ng	99
48) 2-Nitroaniline	9.636	65	199205	40.066	ng	# 79
49) Acenaphthylene	9.960	152	1232913	45.188	ng	99
50) Dimethylphthalate	9.813	163	954604	47.933	ng	99
51) 2,6-Dinitrotoluene	9.878	165	212471	47.769	ng	# 84
52) Acenaphthene	10.136	154	806519	47.215	ng	98
53) 3-Nitroaniline	10.048	138	159086	29.493	ng	91
54) 2,4-Dinitrophenol	10.148	184	95685	39.432	ng	97
55) Dibenzofuran	10.307	168	1100826	45.867	ng	99
56) 4-Nitrophenol	10.201	139	311317	76.699	ng	92
57) 2,4-Dinitrotoluene	10.283	165	266856	46.187	ng	# 84
58) Fluorene	10.654	166	848049	45.913	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.419	232	219475	45.670	ng	97
60) Diethylphthalate	10.513	149	938793	47.385	ng	99
61) 4-Chlorophenyl-phenyle...	10.636	204	404888	46.189	ng	95
62) 4-Nitroaniline	10.666	138	172672	33.383	ng	97
63) Azobenzene	10.801	77	773421	40.077	ng	93
65) 4,6-Dinitro-2-methylph...	10.689	198	69383	27.208	ng	93
66) n-Nitrosodiphenylamine	10.760	169	710571	50.504	ng	99
67) 4-Bromophenyl-phenylether	11.130	248	247355	53.761	ng	96
68) Hexachlorobenzene	11.201	284	263338	53.549	ng	95
69) Atrazine	11.283	200	225002	55.598	ng	98
70) Pentachlorophenol	11.395	266	264392	78.248	ng	100
71) Phenanthrene	11.625	178	1717863	73.165	ng	99
72) Anthracene	11.678	178	1269261	53.119	ng	100
73) Carbazole	11.825	167	949722	44.327	ng	100
74) Di-n-butylphthalate	12.148	149	1252116	49.433	ng	99
75) Fluoranthene	12.825	202	2162315	90.246	ng	97
77) Benzidine	12.936	184	368340	40.344	ng	99
78) Pyrene	13.060	202	2055874	97.880	ng	98
80) Butylbenzylphthalate	13.660	149	458411	49.398	ng	95
81) Benzo(a)anthracene	14.248	228	1507019	82.509	ng	97
82) 3,3'-Dichlorobenzidine	14.207	252	196517	33.781	ng	# 97
83) Chrysene	14.289	228	1299693	75.993	ng	99
84) Bis(2-ethylhexyl)phtha...	14.219	149	644695	51.397	ng	# 100
85) Di-n-octyl phthalate	14.848	149	1057613	51.694	ng	# 96
87) Indeno(1,2,3-cd)pyrene	17.471	276	872667	59.101	ng	94
88) Benzo(b)fluoranthene	15.366	252	1296308	91.773	ng	98
89) Benzo(k)fluoranthene	15.395	252	951170	70.547	ng	98
90) Benzo(a)pyrene	15.771	252	1019253	77.490	ng	98
91) Dibenzo(a,h)anthracene	17.483	278	572658	48.239	ng	99
92) Benzo(g,h,i)perylene	17.965	276	736183	60.027	ng	95

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

