

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032422\
 Data File : BF127508.D
 Acq On : 24 Mar 2022 17:51
 Operator : CG\JU
 Sample : N2063-09MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-8-(10-10.5)MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/25/2022
 Supervised By : Jagrut Upadhyay 03/25/2022

Quant Time: Mar 24 18:21:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 22 02:16:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	79148	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	288935	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	161593	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	253326	20.000	ng	0.00
76) Chrysene-d12	14.027	240	163849	20.000	ng	0.00
86) Perylene-d12	15.509	264	181288	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	574675	115.898	ng	0.01
7) Phenol-d6	6.492	99	779846	115.058	ng	0.00
23) Nitrobenzene-d5	7.422	82	530066	78.419	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	179730	104.411	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	896178	80.983	ng	0.00
79) Terphenyl-d14	12.957	244	708455	70.782	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.681	88	117854	54.116	ng	96
3) Pyridine	3.440	79	298002	48.481	ng	98
4) n-Nitrosodimethylamine	3.416	42	186253	55.188	ng	95
6) Aniline	6.516	93	223839	27.674	ng	# 86
8) 2-Chlorophenol	6.639	128	284249	56.097	ng	96
9) Benzaldehyde	6.404	77	176185	52.905	ng	99
10) Phenol	6.504	94	393158	53.264	ng	99
11) bis(2-Chloroethyl)ether	6.586	93	303681	56.226	ng	99
12) 1,3-Dichlorobenzene	6.786	146	302554	53.088	ng	98
13) 1,4-Dichlorobenzene	6.863	146	308975	53.897	ng	98
14) 1,2-Dichlorobenzene	7.016	146	288489	51.668	ng	98
15) Benzyl Alcohol	6.998	79	287131	58.292	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.122	45	532167	54.755	ng	85
17) 2-Methylphenol	7.110	107	233862	54.688	ng	95
18) Hexachloroethane	7.351	117	117860	56.158	ng	91
19) n-Nitroso-di-n-propyla...	7.263	70	226323	55.707	ng	99
20) 3+4-Methylphenols	7.263	107	287422	54.493	ng	90
22) Acetophenone	7.263	105	389625	52.753	ng	98
24) Nitrobenzene	7.439	77	352245	54.643	ng	99
25) Isophorone	7.675	82	643190	59.744	ng	99
26) 2-Nitrophenol	7.751	139	147165	54.434	ng	99
27) 2,4-Dimethylphenol	7.786	122	253526	62.340	ng	97
28) bis(2-Chloroethoxy)met...	7.881	93	381121	54.497	ng	99
29) 2,4-Dichlorophenol	7.998	162	247961	53.709	ng	97
30) 1,2,4-Trichlorobenzene	8.069	180	278833	51.829	ng	100
31) Naphthalene	8.157	128	812284	52.952	ng	100
32) Benzoic acid	7.939	122	97608	42.547	ng	98
33) 4-Chloroaniline	8.210	127	45627	7.676	ng	97
34) Hexachlorobutadiene	8.257	225	175565	51.391	ng	99
35) Caprolactam	8.598	113	70716m	49.685	ng	
36) 4-Chloro-3-methylphenol	8.704	107	262761	52.457	ng	99
37) 2-Methylnaphthalene	8.845	142	530869	53.820	ng	100
38) 1-Methylnaphthalene	8.945	142	512473	52.542	ng	98
40) 1,2,4,5-Tetrachloroben...	9.010	216	276565	53.828	ng	99
41) Hexachlorocyclopentadiene	8.992	237	166815	88.939	ng	97
43) 2,4,6-Trichlorophenol	9.127	196	165189	53.188	ng	98

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44) 2,4,5-Trichlorophenol	9.175	196	170178	53.230	ng	98
46) 1,1'-Biphenyl	9.310	154	641854	52.592	ng	100
47) 2-Chloronaphthalene	9.339	162	509512	53.015	ng	99
48) 2-Nitroaniline	9.445	65	191133	51.891	ng	95
49) Acenaphthylene	9.751	152	802452	55.230	ng	99
50) Dimethylphthalate	9.616	163	592650	52.719	ng	99
51) 2,6-Dinitrotoluene	9.680	165	127434	54.002	ng	92
52) Acenaphthene	9.922	154	448974	52.963	ng	98
53) 3-Nitroaniline	9.857	138	46411	17.929	ng	99
54) 2,4-Dinitrophenol	9.969	184	66486	58.454	ng	# 83
55) Dibenzofuran	10.098	168	659341	54.611	ng	99
56) 4-Nitrophenol	10.033	139	99413	75.457	ng	95
57) 2,4-Dinitrotoluene	10.092	165	153533	50.547	ng	96
58) Fluorene	10.439	166	527128	54.172	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.222	232	132820	46.990	ng	98
60) Diethylphthalate	10.310	149	528844	51.505	ng	99
61) 4-Chlorophenyl-phenyle...	10.427	204	283490	48.792	ng	99
62) 4-Nitroaniline	10.474	138	99851	41.182	ng	96
63) Azobenzene	10.592	77	613434	50.632	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	65575	42.068	ng	90
66) n-Nitrosodiphenylamine	10.551	169	444146	57.596	ng	99
67) 4-Bromophenyl-phenylether	10.922	248	170694	57.713	ng	98
68) Hexachlorobenzene	10.986	284	181832	56.322	ng	99
69) Atrazine	11.080	200	152651	59.462	ng	97
70) Pentachlorophenol	11.186	266	104246	83.326	ng	98
71) Phenanthrene	11.404	178	697712	52.829	ng	100
72) Anthracene	11.457	178	719625	54.908	ng	99
73) Carbazole	11.616	167	579038	46.198	ng	100
74) Di-n-butylphthalate	11.927	149	707658	54.545	ng	100
75) Fluoranthene	12.598	202	658382	45.324	ng	99
77) Benzidine	12.721	184	173992	44.536	ng	97
78) Pyrene	12.827	202	651768	46.350	ng	99
80) Butylbenzylphthalate	13.433	149	230554	49.816	ng	95
81) Benzo(a)anthracene	14.015	228	588232	53.684	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	83785	26.017	ng	98
83) Chrysene	14.057	228	554663	53.457	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	320634	59.933	ng	# 99
85) Di-n-octyl phthalate	14.598	149	584138	82.051	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	541101	44.110	ng	99
88) Benzo(b)fluoranthene	15.074	252	649296	56.803	ng	99
89) Benzo(k)fluoranthene	15.104	252	564992	47.680	ng	98
90) Benzo(a)pyrene	15.445	252	596177	63.552	ng	98
91) Dibenzo(a,h)anthracene	17.021	278	476857	47.084	ng	97
92) Benzo(g,h,i)perylene	17.468	276	441851	42.209	ng	100

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

