

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
 Data File : BF127220.D
 Acq On : 07 Mar 2022 13:32
 Operator : CG\JU
 Sample : N1751-05MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUM-13MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/08/2022
 Supervised By : Jagrut Upadhyay 03/08/2022

Quant Time: Mar 07 14:59:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 02:16:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	83970	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	317853	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	157449	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	267531	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	135965	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	151544	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	614327	113.075	ng	0.01
7) Phenol-d6	6.516	99	836107	114.052	ng	0.00
23) Nitrobenzene-d5	7.445	82	557498	79.169	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	234514	129.365	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	887700	83.000	ng	0.00
79) Terphenyl-d14	12.998	244	769010	83.145	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.704	88	95453	38.395	ng	97
3) Pyridine	3.469	79	250584	38.428	ng	95
4) n-Nitrosodimethylamine	3.440	42	141722	44.367	ng	# 76
6) Aniline	6.545	93	213799	24.614	ng	94
8) 2-Chlorophenol	6.669	128	283956	48.712	ng	94
9) Benzaldehyde	6.434	77	182170	40.823	ng	99
10) Phenol	6.528	94	375217m	50.654	ng	
11) bis(2-Chloroethyl)ether	6.616	93	267193	45.989	ng	100
12) 1,3-Dichlorobenzene	6.822	146	293363	46.653	ng	98
13) 1,4-Dichlorobenzene	6.898	146	299754	47.021	ng	97
14) 1,2-Dichlorobenzene	7.051	146	283747	46.674	ng	96
15) Benzyl Alcohol	7.022	79	261738	42.380	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.151	45	345167	37.729	ng	86
17) 2-Methylphenol	7.134	107	239676	47.523	ng	# 92
18) Hexachloroethane	7.386	117	112267	45.944	ng	93
19) n-Nitroso-di-n-propyla...	7.292	70	205177	43.434	ng	97
20) 3+4-Methylphenols	7.286	107	301933	46.103	ng	90
22) Acetophenone	7.292	105	400967	47.912	ng	# 99
24) Nitrobenzene	7.469	77	317787	47.771	ng	97
25) Isophorone	7.704	82	537147	46.097	ng	# 95
26) 2-Nitrophenol	7.781	139	138669	48.959	ng	# 81
27) 2,4-Dimethylphenol	7.816	122	244363m	52.518	ng	
28) bis(2-Chloroethoxy)met...	7.910	93	308859	43.721	ng	99
29) 2,4-Dichlorophenol	8.022	162	211672	48.388	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	227725	46.563	ng	100
31) Naphthalene	8.186	128	768203	46.298	ng	99
32) Benzoic acid	7.951	122	152039	46.075	ng	94
33) 4-Chloroaniline	8.233	127	46373	7.101	ng	98
34) Hexachlorobutadiene	8.292	225	133939	46.910	ng	97
35) Caprolactam	8.616	113	69695m	45.623	ng	
36) 4-Chloro-3-methylphenol	8.728	107	268852	48.089	ng	97
37) 2-Methylnaphthalene	8.875	142	514371	47.775	ng	98
38) 1-Methylnaphthalene	8.975	142	493943	47.909	ng	97
40) 1,2,4,5-Tetrachloroben...	9.045	216	208958	50.417	ng	99
41) Hexachlorocyclopentadiene	9.028	237	199315	88.668	ng	96
43) 2,4,6-Trichlorophenol	9.157	196	147864	48.642	ng	97

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44) 2,4,5-Trichlorophenol	9.204	196	160746	50.252	ng	93
46) 1,1'-Biphenyl	9.345	154	632921	50.738	ng	96
47) 2-Chloronaphthalene	9.369	162	464680	50.233	ng	94
48) 2-Nitroaniline	9.469	65	166535	45.621	ng	97
49) Acenaphthylene	9.786	152	755027	50.247	ng	98
50) Dimethylphthalate	9.645	163	543867	48.325	ng	# 99
51) 2,6-Dinitrotoluene	9.710	165	119989	52.403	ng	# 83
52) Acenaphthene	9.957	154	521806m	53.396	ng	
53) 3-Nitroaniline	9.880	138	54447	19.453	ng	94
54) 2,4-Dinitrophenol	9.998	184	122823	101.344	ng	# 79
55) Dibenzofuran	10.133	168	636163	47.342	ng	93
56) 4-Nitrophenol	10.057	139	172350	83.373	ng	# 84
57) 2,4-Dinitrotoluene	10.122	165	158657	51.248	ng	# 95
58) Fluorene	10.475	166	529697	50.606	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	121582	47.943	ng	93
60) Diethylphthalate	10.345	149	598803	50.920	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	250881	50.831	ng	97
62) 4-Nitroaniline	10.504	138	119452	43.219	ng	# 77
63) Azobenzene	10.627	77	553907	42.300	ng	93
65) 4,6-Dinitro-2-methylph...	10.527	198	76375	48.587	ng	91
66) n-Nitrosodiphenylamine	10.586	169	430273	49.048	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	149330	49.958	ng	96
68) Hexachlorobenzene	11.022	284	165297	51.368	ng	95
69) Atrazine	11.116	200	135723	49.883	ng	97
70) Pentachlorophenol	11.222	266	157423	89.618	ng	98
71) Phenanthrene	11.445	178	754661	50.397	ng	99
72) Anthracene	11.492	178	756436	50.743	ng	99
73) Carbazole	11.651	167	584153	42.731	ng	99
74) Di-n-butylphthalate	11.969	149	826944	47.054	ng	99
75) Fluoranthene	12.633	202	652090	45.863	ng	94
77) Benzidine	12.757	184	143668	38.882	ng	97
78) Pyrene	12.863	202	619123	52.413	ng	99
80) Butylbenzylphthalate	13.474	149	248500	44.437	ng	# 85
81) Benzo(a)anthracene	14.051	228	471964	51.489	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	102945	35.637	ng	# 97
83) Chrysene	14.086	228	427158	49.556	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	326288	44.442	ng	# 96
85) Di-n-octyl phthalate	14.639	149	517921	48.995	ng	96
87) Indeno(1,2,3-cd)pyrene	17.068	276	552927	55.644	ng	# 85
88) Benzo(b)fluoranthene	15.115	252	500056	49.130	ng	# 91
89) Benzo(k)fluoranthene	15.145	252	485612	49.465	ng	# 94
90) Benzo(a)pyrene	15.492	252	486408m	61.182	ng	
91) Dibenzo(a,h)anthracene	17.086	278	468210	56.971	ng	# 90
92) Benzo(g,h,i)perylene	17.533	276	443109	54.690	ng	# 84

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

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