

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
 Data File : BF127133.D
 Acq On : 01 Mar 2022 23:18
 Operator : CG\JU
 Sample : N1711-01MSD 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-022822MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/02/2022
 Supervised By : Jagrut Upadhyay 03/02/2022

Quant Time: Mar 02 00:02:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	90409	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	358425	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	163965	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	233430	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	184346	20.000	ng	# 0.00
86) Perylene-d12	15.568	264	144410	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	343247	58.679	ng	0.00
7) Phenol-d6	6.522	99	441270	55.906	ng	0.00
23) Nitrobenzene-d5	7.457	82	305368	38.456	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	94773	50.202	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	454433	40.801	ng	0.00
79) Terphenyl-d14	13.010	244	353037	28.152	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	44894	16.772	ng	97
3) Pyridine	3.452	79	125801	17.918	ng	92
4) n-Nitrosodimethylamine	3.399	42	71222	20.709	ng	# 74
6) Aniline	6.551	93	135796	14.520	ng	95
8) 2-Chlorophenol	6.675	128	142831	22.757	ng	97
9) Benzaldehyde	6.445	77	94452	19.659	ng	97
10) Phenol	6.534	94	184033m	23.075	ng	
11) bis(2-Chloroethyl)ether	6.622	93	133466	21.336	ng	98
12) 1,3-Dichlorobenzene	6.834	146	149893	22.140	ng	98
13) 1,4-Dichlorobenzene	6.910	146	153953	22.430	ng	98
14) 1,2-Dichlorobenzene	7.063	146	144977	22.149	ng	95
15) Benzyl Alcohol	7.034	79	136792	20.572	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.163	45	182925	18.571	ng	95
17) 2-Methylphenol	7.145	107	120207	22.137	ng	93
18) Hexachloroethane	7.404	117	55351	21.038	ng	# 84
19) n-Nitroso-di-n-propyla...	7.298	70	106373	20.915	ng	97
20) 3+4-Methylphenols	7.292	107	151080	21.426	ng	95
22) Acetophenone	7.298	105	208452	22.089	ng	# 97
24) Nitrobenzene	7.475	77	164809	21.970	ng	99
25) Isophorone	7.710	82	288331	21.943	ng	# 97
26) 2-Nitrophenol	7.792	139	70652	22.121	ng	# 86
27) 2,4-Dimethylphenol	7.822	122	129332m	24.649	ng	
28) bis(2-Chloroethoxy)met...	7.922	93	167613	21.041	ng	99
29) 2,4-Dichlorophenol	8.034	162	106388	21.567	ng	96
30) 1,2,4-Trichlorobenzene	8.116	180	118896	21.559	ng	96
31) Naphthalene	8.198	128	410252	21.926	ng	99
32) Benzoic acid	7.922	122	68052	18.288	ng	97
33) 4-Chloroaniline	8.245	127	67881	9.217	ng	99
34) Hexachlorobutadiene	8.310	225	71083	22.077	ng	98
35) Caprolactam	8.598	113	33736	19.584	ng	91
36) 4-Chloro-3-methylphenol	8.728	107	123970	19.664	ng	98
37) 2-Methylnaphthalene	8.886	142	255753	21.066	ng	97
38) 1-Methylnaphthalene	8.986	142	240709	20.704	ng	96
40) 1,2,4,5-Tetrachloroben...	9.051	216	105643	24.476	ng	97
41) Hexachlorocyclopentadiene	9.034	237	47594	20.331	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	68451	21.623	ng	98

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44) 2,4,5-Trichlorophenol	9.210	196	64753	19.438	ng	94
46) 1,1'-Biphenyl	9.351	154	302167	23.260	ng	98
47) 2-Chloronaphthalene	9.381	162	216892	22.515	ng	97
48) 2-Nitroaniline	9.475	65	78187	20.568	ng	95
49) Acenaphthylene	9.798	152	357018	22.815	ng	98
50) Dimethylphthalate	9.651	163	261690	22.328	ng	# 99
51) 2,6-Dinitrotoluene	9.716	165	52125	21.860	ng	87
52) Acenaphthene	9.969	154	208231m	20.461	ng	
53) 3-Nitroaniline	9.886	138	40958	14.052	ng	# 96
54) 2,4-Dinitrophenol	9.992	184	15529	12.304	ng	# 87
55) Dibenzofuran	10.139	168	288158	20.592	ng	92
56) 4-Nitrophenol	10.051	139	69781	32.414	ng	# 86
57) 2,4-Dinitrotoluene	10.116	165	65010	20.164	ng	94
58) Fluorene	10.480	166	216121	19.827	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	46439	17.584	ng	# 97
60) Diethylphthalate	10.351	149	259157	21.162	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	104371	20.306	ng	99
62) 4-Nitroaniline	10.498	138	44620	15.502	ng	# 79
63) Azobenzene	10.633	77	243814	17.879	ng	95
65) 4,6-Dinitro-2-methylph...	10.528	198	11786	8.593	ng	99
66) n-Nitrosodiphenylamine	10.592	169	186887	24.416	ng	98
67) 4-Bromophenyl-phenylether	10.963	248	59992	23.002	ng	# 91
68) Hexachlorobenzene	11.028	284	63538	22.630	ng	# 94
69) Atrazine	11.116	200	55984	23.582	ng	96
70) Pentachlorophenol	11.228	266	56328	36.751	ng	97
71) Phenanthrene	11.445	178	280602	21.477	ng	97
72) Anthracene	11.498	178	289341	22.245	ng	99
73) Carbazole	11.657	167	240497	20.162	ng	99
74) Di-n-butylphthalate	11.980	149	321136	20.942	ng	99
75) Fluoranthene	12.639	202	270085	21.771	ng	94
77) Benzidine	12.763	184	102095	20.379	ng	# 97
78) Pyrene	12.869	202	277916	17.353	ng	100
80) Butylbenzylphthalate	13.480	149	128221	16.911	ng	95
81) Benzo(a)anthracene	14.063	228	261824	21.067	ng	98
82) 3,3'-Dichlorobenzidine	14.021	252	61903	15.805	ng	# 96
83) Chrysene	14.098	228	244447	20.916	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	184230	18.508	ng	# 97
85) Di-n-octyl phthalate	14.657	149	317271	22.137	ng	97
87) Indeno(1,2,3-cd)pyrene	17.080	276	168266	17.770	ng	# 85
88) Benzo(b)fluoranthene	15.121	252	226389	23.341	ng	# 94
89) Benzo(k)fluoranthene	15.151	252	210038	22.452	ng	# 95
90) Benzo(a)pyrene	15.504	252	192305	25.384	ng	# 92
91) Dibenzo(a,h)anthracene	17.098	278	148385	18.947	ng	# 90
92) Benzo(g,h,i)perylene	17.539	276	136547	17.686	ng	# 86

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

