

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030422\
 Data File : BF127202.D
 Acq On : 04 Mar 2022 15:51
 Operator : CG\JU
 Sample : N1796-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C0AB1MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/07/2022
 Supervised By : Jagrut Upadhyay 03/07/2022

Quant Time: Mar 05 02:20:26 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	91542	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	357985	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	194492	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	325184	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	211997	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	171779	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	622797	105.152	ng	0.01
7) Phenol-d6	6.516	99	822767	102.949	ng	0.00
23) Nitrobenzene-d5	7.445	82	548934	69.214	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	255917	114.284	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	919524	69.601	ng	0.00
79) Terphenyl-d14	13.004	244	1010083	70.042	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.746	88	112480	41.502	ng	99
3) Pyridine	3.499	79	298374	41.972	ng	96
4) n-Nitrosodimethylamine	3.469	42	161247	46.304	ng	# 74
6) Aniline	6.545	93	296017	31.261	ng	95
8) 2-Chlorophenol	6.669	128	321051	50.520	ng	93
9) Benzaldehyde	6.434	77	210284	43.225	ng	99
10) Phenol	6.528	94	402120m	49.796	ng	
11) bis(2-Chloroethyl)ether	6.616	93	300616	47.462	ng	100
12) 1,3-Dichlorobenzene	6.816	146	331408	48.344	ng	98
13) 1,4-Dichlorobenzene	6.898	146	337149	48.512	ng	98
14) 1,2-Dichlorobenzene	7.045	146	318038	47.987	ng	98
15) Benzyl Alcohol	7.022	79	301345	44.757	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.151	45	384773	38.579	ng	89
17) 2-Methylphenol	7.134	107	270154	49.135	ng	# 90
18) Hexachloroethane	7.387	117	128862	48.373	ng	93
19) n-Nitroso-di-n-propyla...	7.293	70	234044	45.447	ng	97
20) 3+4-Methylphenols	7.287	107	331502	46.431	ng	89
22) Acetophenone	7.293	105	448633	47.598	ng	# 99
24) Nitrobenzene	7.463	77	356769	47.618	ng	97
25) Isophorone	7.704	82	640280	48.788	ng	# 96
26) 2-Nitrophenol	7.781	139	161677	50.683	ng	# 82
27) 2,4-Dimethylphenol	7.816	122	276615	52.785	ng	90
28) bis(2-Chloroethoxy)met...	7.910	93	349267	43.898	ng	98
29) 2,4-Dichlorophenol	8.022	162	245232	49.775	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	261586	47.490	ng	97
31) Naphthalene	8.187	128	867202	46.406	ng	99
32) Benzoic acid	7.957	122	168342	45.296	ng	87
33) 4-Chloroaniline	8.234	127	101559	13.807	ng	98
34) Hexachlorobutadiene	8.292	225	154867	48.159	ng	97
35) Caprolactam	8.622	113	79603m	46.267	ng	
36) 4-Chloro-3-methylphenol	8.722	107	309528	49.157	ng	95
37) 2-Methylnaphthalene	8.881	142	592860	48.892	ng	97
38) 1-Methylnaphthalene	8.975	142	546971	47.105	ng	97
40) 1,2,4,5-Tetrachloroben...	9.045	216	250339	48.897	ng	99
41) Hexachlorocyclopentadiene	9.028	237	278020	100.124	ng	95
43) 2,4,6-Trichlorophenol	9.157	196	168563	44.890	ng	97

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44) 2,4,5-Trichlorophenol	9.204	196	182540	46.196	ng	93
46) 1,1'-Biphenyl	9.345	154	706202	45.830	ng	97
47) 2-Chloronaphthalene	9.369	162	523706	45.831	ng	94
48) 2-Nitroaniline	9.469	65	203744	45.184	ng	96
49) Acenaphthylene	9.786	152	867941	46.760	ng	98
50) Dimethylphthalate	9.651	163	624119	44.894	ng	100
51) 2,6-Dinitrotoluene	9.716	165	136432	48.236	ng	94
52) Acenaphthene	9.963	154	629549m	52.152	ng	
53) 3-Nitroaniline	9.881	138	85222	24.649	ng	97
54) 2,4-Dinitrophenol	9.998	184	146127	97.609	ng	# 80
55) Dibenzofuran	10.134	168	738477	44.489	ng	91
56) 4-Nitrophenol	10.057	139	217005	84.981	ng	# 75
57) 2,4-Dinitrotoluene	10.122	165	181833	47.547	ng	# 94
58) Fluorene	10.475	166	584693	45.221	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	136550	43.590	ng	# 96
60) Diethylphthalate	10.345	149	648350	44.633	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	280826	46.061	ng	95
62) 4-Nitroaniline	10.510	138	153778	45.041	ng	# 77
63) Azobenzene	10.628	77	692478	42.810	ng	93
65) 4,6-Dinitro-2-methylph...	10.533	198	96748	50.636	ng	90
66) n-Nitrosodiphenylamine	10.586	169	530044	49.709	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	182190	50.145	ng	93
68) Hexachlorobenzene	11.022	284	205188	52.459	ng	95
69) Atrazine	11.116	200	169268	51.182	ng	98
70) Pentachlorophenol	11.222	266	196169	91.876	ng	99
71) Phenanthrene	11.445	178	859694	47.233	ng	99
72) Anthracene	11.498	178	874049	48.238	ng	99
73) Carbazole	11.651	167	770447	46.366	ng	98
74) Di-n-butylphthalate	11.975	149	1025026	47.984	ng	99
75) Fluoranthene	12.633	202	832081	48.147	ng	94
77) Benzidine	12.757	184	356725	61.919	ng	96
78) Pyrene	12.863	202	843460	45.795	ng	100
80) Butylbenzylphthalate	13.474	149	389336	44.652	ng	91
81) Benzo(a)anthracene	14.051	228	684243	47.876	ng	100
82) 3,3'-Dichlorobenzidine	14.016	252	81962	18.197	ng	# 96
83) Chrysene	14.092	228	609421	45.344	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	521689	45.573	ng	# 97
85) Di-n-octyl phthalate	14.645	149	774183	46.971	ng	96
87) Indeno(1,2,3-cd)pyrene	17.068	276	566550	50.298	ng	# 85
88) Benzo(b)fluoranthene	15.116	252	558039	48.368	ng	# 92
89) Benzo(k)fluoranthene	15.145	252	555578	49.926	ng	# 95
90) Benzo(a)pyrene	15.492	252	509914	56.583	ng	# 93
91) Dibenzo(a,h)anthracene	17.086	278	491434	52.753	ng	# 92
92) Benzo(g,h,i)perylene	17.533	276	478027	52.050	ng	# 85

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

