

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
 Data File : BF126980.D
 Acq On : 21 Feb 2022 18:26
 Operator : CG\JU
 Sample : N1579-05MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(9.5-10.0)MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/22/2022
 Supervised By : Jagrut Upadhyay 02/22/2022

Quant Time: Feb 22 03:47:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 21 13:16:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	85633	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	343171	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	177359	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	307581	20.000	ng	0.00
76) Chrysene-d12	14.092	240	137014	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	148026	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	609679	110.040	ng	0.00
7) Phenol-d6	6.545	99	827357	110.666	ng	0.00
23) Nitrobenzene-d5	7.481	82	590502	77.669	ng	-0.01
42) 2,4,6-Tribromophenol	10.751	330	219918	107.695	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	969324	80.458	ng	0.00
79) Terphenyl-d14	13.033	244	946730	101.576	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.810	88	115848	45.694	ng	95
3) Pyridine	3.569	79	276048	41.511	ng	# 89
4) n-Nitrosodimethylamine	3.534	42	171965	52.790	ng	# 69
6) Aniline	6.581	93	280410	31.656	ng	95
8) 2-Chlorophenol	6.704	128	317772	53.454	ng	97
9) Benzaldehyde	6.469	77	201391	44.254	ng	95
10) Phenol	6.557	94	402584	53.293	ng	81
11) bis(2-Chloroethyl)ether	6.651	93	297673	50.241	ng	97
12) 1,3-Dichlorobenzene	6.857	146	332642	51.872	ng	98
13) 1,4-Dichlorobenzene	6.934	146	336104	51.699	ng	97
14) 1,2-Dichlorobenzene	7.087	146	319236	51.492	ng	97
15) Benzyl Alcohol	7.057	79	320482	50.884	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.187	45	443182	47.502	ng	96
17) 2-Methylphenol	7.163	107	267017	51.916	ng	# 92
18) Hexachloroethane	7.428	117	130074	52.197	ng	93
19) n-Nitroso-di-n-propyla...	7.328	70	245231	50.905	ng	97
20) 3+4-Methylphenols	7.316	107	345947	51.798	ng	# 85
22) Acetophenone	7.328	105	464647	51.425	ng	# 96
24) Nitrobenzene	7.504	77	374254	52.108	ng	98
25) Isophorone	7.739	82	664847	52.847	ng	# 98
26) 2-Nitrophenol	7.816	139	167027	54.621	ng	# 77
27) 2,4-Dimethylphenol	7.845	122	294282	58.580	ng	89
28) bis(2-Chloroethoxy)met...	7.945	93	380246	49.855	ng	98
29) 2,4-Dichlorophenol	8.057	162	250334	53.004	ng	99
30) 1,2,4-Trichlorobenzene	8.139	180	264857	50.160	ng	96
31) Naphthalene	8.222	128	920107	51.362	ng	99
33) 4-Chloroaniline	8.269	127	144349	20.472	ng	98
34) Hexachlorobutadiene	8.334	225	160855	52.180	ng	98
35) Caprolactam	8.645	113	70219m	42.575	ng	
36) 4-Chloro-3-methylphenol	8.751	107	319695	52.964	ng	95
37) 2-Methylnaphthalene	8.916	142	611643	52.618	ng	97
38) 1-Methylnaphthalene	9.016	142	579708	52.079	ng	99
40) 1,2,4,5-Tetrachloroben...	9.081	216	246460	52.790	ng	99
41) Hexachlorocyclopentadiene	9.063	237	292706	115.596	ng	96
43) 2,4,6-Trichlorophenol	9.192	196	175787	51.336	ng	99
44) 2,4,5-Trichlorophenol	9.233	196	183454	50.912	ng	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.381	154	729700	51.929	ng	97
47) 2-Chloronaphthalene	9.404	162	533776	51.225	ng	93
48) 2-Nitroaniline	9.504	65	213761	51.985	ng	98
49) Acenaphthylene	9.822	152	903827	53.397	ng	98
50) Dimethylphthalate	9.680	163	648566	51.159	ng	98
51) 2,6-Dinitrotoluene	9.745	165	140022	54.288	ng	91
52) Acenaphthene	9.992	154	530911	48.229	ng	96
53) 3-Nitroaniline	9.916	138	97531	30.934	ng	89
54) 2,4-Dinitrophenol	10.016	184	21341	15.632	ng #	91
55) Dibenzofuran	10.169	168	767978	50.736	ng	92
56) 4-Nitrophenol	10.075	139	200594	86.143	ng #	87
57) 2,4-Dinitrotoluene	10.145	165	189403	54.311	ng #	92
58) Fluorene	10.510	166	600229	50.907	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.280	232	119113	41.696	ng	99
60) Diethylphthalate	10.380	149	687450	51.896	ng	98
61) 4-Chlorophenyl-phenyle...	10.498	204	278912	50.167	ng	91
62) 4-Nitroaniline	10.533	138	149943	48.161	ng #	75
63) Azobenzene	10.663	77	729043	49.425	ng	93
65) 4,6-Dinitro-2-methylph...	10.551	198	35598	19.697	ng	86
66) n-Nitrosodiphenylamine	10.622	169	525024	52.056	ng	98
67) 4-Bromophenyl-phenylether	10.992	248	179007	52.088	ng	95
68) Hexachlorobenzene	11.057	284	197529	53.391	ng	92
69) Atrazine	11.145	200	172391	55.110	ng	97
70) Pentachlorophenol	11.245	266	90168	44.647	ng	96
71) Phenanthrene	11.474	178	881389	51.196	ng	100
72) Anthracene	11.527	178	904656	52.784	ng	99
73) Carbazole	11.680	167	740859	47.137	ng	97
74) Di-n-butylphthalate	12.004	149	1020354	50.499	ng	98
75) Fluoranthene	12.663	202	773687	47.330	ng	95
77) Benzidine	12.780	184	206148	55.365	ng	97
78) Pyrene	12.892	202	741961	62.331	ng	99
80) Butylbenzylphthalate	13.504	149	329050	58.391	ng	93
81) Benzo(a)anthracene	14.080	228	477839	51.731	ng	99
82) 3,3'-Dichlorobenzidine	14.039	252	65626	22.544	ng #	94
83) Chrysene	14.116	228	448492	51.633	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	408680	55.238	ng	98
85) Di-n-octyl phthalate	14.674	149	581720	54.609	ng	97
87) Indeno(1,2,3-cd)pyrene	17.115	276	595141	61.315	ng #	85
88) Benzo(b)fluoranthene	15.145	252	507059	51.002	ng #	94
89) Benzo(k)fluoranthene	15.174	252	442870	46.184	ng #	95
90) Benzo(a)pyrene	15.527	252	477593	61.500	ng #	94
91) Dibenzo(a,h)anthracene	17.139	278	505791	63.007	ng #	91
92) Benzo(g,h,i)perylene	17.586	276	480558	60.722	ng #	87

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

