

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030422\
 Data File : BF127204.D
 Acq On : 04 Mar 2022 16:48
 Operator : CG\JU
 Sample : N1750-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2MS

Manual Integrations
 APPROVED

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

Quant Time: Mar 05 02:20:48 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	76284	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	316065	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	172385	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	308384	20.000	ng	# 0.00
76) Chrysene-d12	14.062	240	198696	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	167220	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	663963	134.524	ng	0.02
7) Phenol-d6	6.516	99	758351	113.868	ng	0.00
23) Nitrobenzene-d5	7.451	82	624964	89.251	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	303564	152.946	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1109934	94.788	ng	0.00
79) Terphenyl-d14	13.004	244	1314931	97.284	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.822	88	103192	45.690	ng	# 86
3) Pyridine	3.545	79	205672	34.719	ng	94
4) n-Nitrosodimethylamine	3.498	42	146684	50.547	ng	# 75
6) Aniline	6.545	93	140799	17.843	ng	# 76
8) 2-Chlorophenol	6.669	128	267414	50.496	ng	94
9) Benzaldehyde	6.434	77	125830	31.039	ng	98
10) Phenol	6.534	94	296741m	44.096	ng	
11) bis(2-Chloroethyl)ether	6.616	93	280411	53.127	ng	97
12) 1,3-Dichlorobenzene	6.822	146	267337	46.798	ng	99
13) 1,4-Dichlorobenzene	6.898	146	272433	47.041	ng	99
14) 1,2-Dichlorobenzene	7.051	146	262399	47.511	ng	96
15) Benzyl Alcohol	7.022	79	253974	45.266	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.151	45	337737	40.636	ng	77
17) 2-Methylphenol	7.133	107	241175	52.638	ng	# 90
18) Hexachloroethane	7.386	117	105306	47.437	ng	92
19) n-Nitroso-di-n-propyla...	7.292	70	206713	48.168	ng	97
20) 3+4-Methylphenols	7.286	107	285202	47.936	ng	# 82
22) Acetophenone	7.292	105	401202	48.211	ng	# 98
24) Nitrobenzene	7.463	77	320063	48.385	ng	96
25) Isophorone	7.704	82	593340	51.208	ng	# 96
26) 2-Nitrophenol	7.780	139	146877	52.150	ng	# 86
27) 2,4-Dimethylphenol	7.816	122	258600m	55.892	ng	
28) bis(2-Chloroethoxy)met...	7.910	93	333251	47.441	ng	99
29) 2,4-Dichlorophenol	8.022	162	227328	52.260	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	241394	49.637	ng	99
31) Naphthalene	8.186	128	814184	49.347	ng	99
32) Benzoic acid	7.945	122	153379	46.744	ng	85
33) 4-Chloroaniline	8.233	127	88517	13.630	ng	97
34) Hexachlorobutadiene	8.292	225	142103	50.051	ng	98
35) Caprolactam	8.616	113	58863m	38.750	ng	
36) 4-Chloro-3-methylphenol	8.722	107	276284	49.697	ng	98
37) 2-Methylnaphthalene	8.875	142	534616	49.936	ng	98
38) 1-Methylnaphthalene	8.975	142	508276	49.578	ng	97
40) 1,2,4,5-Tetrachloroben...	9.039	216	231281	50.968	ng	98
41) Hexachlorocyclopentadiene	9.022	237	252789	102.713	ng	95
43) 2,4,6-Trichlorophenol	9.157	196	161055	48.391	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	184169	52.586	ng	90
46) 1,1'-Biphenyl	9.339	154	670903	49.123	ng	97
47) 2-Chloronaphthalene	9.369	162	492914	48.668	ng	95
48) 2-Nitroaniline	9.469	65	188395	47.138	ng	96
49) Acenaphthylene	9.786	152	830753	50.496	ng	98
50) Dimethylphthalate	9.645	163	600459	48.731	ng	99
51) 2,6-Dinitrotoluene	9.710	165	130818	52.183	ng	# 85
52) Acenaphthene	9.957	154	629098m	58.798	ng	
53) 3-Nitroaniline	9.880	138	75342	24.586	ng	# 98
54) 2,4-Dinitrophenol	9.992	184	164643	124.081	ng	# 89
55) Dibenzofuran	10.133	168	724445	49.241	ng	92
56) 4-Nitrophenol	10.057	139	197851	87.416	ng	# 79
57) 2,4-Dinitrotoluene	10.121	165	184077	54.307	ng	# 96
58) Fluorene	10.474	166	582694	50.846	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	145595	52.437	ng	91
60) Diethylphthalate	10.345	149	644033	50.021	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	275625	51.006	ng	97
62) 4-Nitroaniline	10.504	138	140777	46.521	ng	# 76
63) Azobenzene	10.627	77	652795	45.533	ng	93
65) 4,6-Dinitro-2-methylph...	10.527	198	96939	53.500	ng	90
66) n-Nitrosodiphenylamine	10.586	169	504140	49.855	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	178115	51.694	ng	95
68) Hexachlorobenzene	11.021	284	203237	54.791	ng	92
69) Atrazine	11.116	200	167888	53.531	ng	96
70) Pentachlorophenol	11.221	266	211236	104.322	ng	98
71) Phenanthrene	11.439	178	881725	51.082	ng	98
72) Anthracene	11.492	178	901701	52.475	ng	99
73) Carbazole	11.651	167	766452	48.639	ng	98
74) Di-n-butylphthalate	11.968	149	1016116	50.158	ng	98
75) Fluoranthene	12.633	202	868840	53.013	ng	93
77) Benzidine	12.751	184	52935	9.803	ng	98
78) Pyrene	12.863	202	870585	50.432	ng	100
80) Butylbenzylphthalate	13.474	149	402993	49.312	ng	89
81) Benzo(a)anthracene	14.051	228	687523	51.326	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	149871	35.502	ng	# 96
83) Chrysene	14.092	228	624184	49.552	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	563212	52.494	ng	# 97
85) Di-n-octyl phthalate	14.645	149	852838	55.207	ng	# 94
87) Indeno(1,2,3-cd)pyrene	17.074	276	614985	56.087	ng	# 85
88) Benzo(b)fluoranthene	15.115	252	581813	51.804	ng	# 93
89) Benzo(k)fluoranthene	15.145	252	557166	51.434	ng	# 94
90) Benzo(a)pyrene	15.492	252	538180	61.348	ng	# 93
91) Dibenzo(a,h)anthracene	17.086	278	531402	58.599	ng	# 90
92) Benzo(g,h,i)perylene	17.533	276	533346	59.657	ng	# 85

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

