

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022822\
 Data File : BF127096.D
 Acq On : 28 Feb 2022 13:27
 Operator : CG\JU
 Sample : N1664-22MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/01/2022
 Supervised By : Jagrut Upadhyay 03/01/2022

Quant Time: Feb 28 16:57:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	100351	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	405030	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	212890	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	368155	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	197548	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	175811	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	696493	107.272	ng	0.00
7) Phenol-d6	6.534	99	912621	104.168	ng	0.00
23) Nitrobenzene-d5	7.469	82	634791	70.742	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	281144	114.699	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1020537	70.571	ng	0.00
79) Terphenyl-d14	13.021	244	1105086	82.234	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.746	88	121165	40.782	ng	97
3) Pyridine	3.510	79	294373	37.774	ng	94
4) n-Nitrosodimethylamine	3.481	42	177491	46.495	ng	# 73
6) Aniline	6.569	93	223480	21.529	ng	97
8) 2-Chlorophenol	6.686	128	345331	49.570	ng	97
9) Benzaldehyde	6.457	77	209935	39.365	ng	98
10) Phenol	6.551	94	453056	51.179	ng	88
11) bis(2-Chloroethyl)ether	6.639	93	323428	46.581	ng	98
12) 1,3-Dichlorobenzene	6.845	146	361696	48.131	ng	99
13) 1,4-Dichlorobenzene	6.922	146	362140	47.534	ng	97
14) 1,2-Dichlorobenzene	7.075	146	343752	47.314	ng	97
15) Benzyl Alcohol	7.045	79	340270	46.102	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.175	45	446296	40.820	ng	94
17) 2-Methylphenol	7.157	107	283331	47.008	ng	# 93
18) Hexachloroethane	7.416	117	140132	47.986	ng	# 90
19) n-Nitroso-di-n-propyla...	7.316	70	254234	45.034	ng	97
20) 3+4-Methylphenols	7.310	107	357883	45.726	ng	# 85
22) Acetophenone	7.316	105	490925	46.035	ng	# 96
24) Nitrobenzene	7.486	77	399045	47.075	ng	95
25) Isophorone	7.722	82	690483	46.502	ng	# 98
26) 2-Nitrophenol	7.804	139	178758	49.529	ng	# 86
27) 2,4-Dimethylphenol	7.839	122	308310	51.999	ng	92
28) bis(2-Chloroethoxy)met...	7.933	93	399825	44.416	ng	99
29) 2,4-Dichlorophenol	8.045	162	268456	48.160	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	288357	46.270	ng	97
31) Naphthalene	8.210	128	992971	46.964	ng	100
32) Benzoic acid	7.969	122	214570	51.029	ng	95
33) 4-Chloroaniline	8.251	127	59703	7.174	ng	95
34) Hexachlorobutadiene	8.316	225	172843	47.506	ng	97
35) Caprolactam	8.639	113	89921m	46.194	ng	
36) 4-Chloro-3-methylphenol	8.739	107	338988	47.583	ng	96
37) 2-Methylnaphthalene	8.898	142	648753	47.287	ng	98
38) 1-Methylnaphthalene	8.998	142	610141	46.442	ng	98
40) 1,2,4,5-Tetrachloroben...	9.069	216	266991	47.643	ng	99
41) Hexachlorocyclopentadiene	9.051	237	306936	100.985	ng	95
43) 2,4,6-Trichlorophenol	9.180	196	187870	45.708	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	198052	45.790	ng	94
46) 1,1'-Biphenyl	9.369	154	762840	45.227	ng	95
47) 2-Chloronaphthalene	9.392	162	562545	44.975	ng	95
48) 2-Nitroaniline	9.492	65	215767	43.715	ng	94
49) Acenaphthylene	9.810	152	956251	47.066	ng	98
50) Dimethylphthalate	9.669	163	680661	44.730	ng	# 99
51) 2,6-Dinitrotoluene	9.733	165	150585	48.639	ng	96
52) Acenaphthene	9.980	154	694405m	52.553	ng	
53) 3-Nitroaniline	9.898	138	61156	16.160	ng	97
54) 2,4-Dinitrophenol	10.010	184	163470	99.757	ng	# 88
55) Dibenzofuran	10.157	168	832342	45.811	ng	93
56) 4-Nitrophenol	10.069	139	250613	89.661	ng	# 78
57) 2,4-Dinitrotoluene	10.139	165	208405	49.786	ng	# 96
58) Fluorene	10.498	166	655664	46.328	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.269	232	160407	46.780	ng	95
60) Diethylphthalate	10.369	149	726001	45.659	ng	98
61) 4-Chlorophenyl-phenyle...	10.486	204	306527	45.932	ng	97
62) 4-Nitroaniline	10.522	138	156259	41.813	ng	# 80
63) Azobenzene	10.651	77	749418	42.327	ng	93
65) 4,6-Dinitro-2-methylph...	10.545	198	100083	46.267	ng	89
66) n-Nitrosodiphenylamine	10.610	169	562595	46.603	ng	98
67) 4-Bromophenyl-phenylether	10.980	248	190468	46.304	ng	97
68) Hexachlorobenzene	11.045	284	215958	48.768	ng	92
69) Atrazine	11.133	200	188960	50.468	ng	99
70) Pentachlorophenol	11.239	266	228488	94.522	ng	99
71) Phenanthrene	11.463	178	955682	46.378	ng	99
72) Anthracene	11.516	178	973763	47.468	ng	100
73) Carbazole	11.669	167	810253	43.070	ng	98
74) Di-n-butylphthalate	11.992	149	1090591	45.094	ng	99
75) Fluoranthene	12.657	202	892482	45.614	ng	93
77) Benzidine	12.774	184	193270	36.001	ng	# 97
78) Pyrene	12.886	202	872282	50.824	ng	99
80) Butylbenzylphthalate	13.498	149	390931	48.114	ng	85
81) Benzo(a)anthracene	14.074	228	635051	47.684	ng	99
82) 3,3'-Dichlorobenzidine	14.033	252	68470	16.313	ng	# 97
83) Chrysene	14.110	228	591573	47.236	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	520838	48.826	ng	# 98
85) Di-n-octyl phthalate	14.668	149	681434	44.368	ng	96
87) Indeno(1,2,3-cd)pyrene	17.109	276	668616	57.999	ng	# 85
88) Benzo(b)fluoranthene	15.139	252	526639	44.600	ng	# 94
89) Benzo(k)fluoranthene	15.168	252	523369	45.953	ng	# 95
90) Benzo(a)pyrene	15.515	252	525160	56.938	ng	# 93
91) Dibenzo(a,h)anthracene	17.127	278	563813	59.135	ng	# 89
92) Benzo(g,h,i)perylene	17.580	276	564992	60.108	ng	# 86

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

