

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040722\
 Data File : BF127689.D
 Acq On : 07 Apr 2022 18:02
 Operator : CG\JU
 Sample : N2258-11MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-E5MSD

Quant Time: Apr 08 04:45:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 13:55:27 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/08/2022
 Supervised By : Jagrut Upadhyay 04/08/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	117950	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	425874	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	245870	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	447292	20.000	ng	0.00
76) Chrysene-d12	14.151	240	298712	20.000	ng	0.00
86) Perylene-d12	15.674	264	283160	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	472128	65.041	ng	0.00
7) Phenol-d6	6.575	99	398738	41.989	ng	0.00
23) Nitrobenzene-d5	7.528	82	788976	82.591	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	348373	133.149	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1351939	77.787	ng	0.00
79) Terphenyl-d14	13.092	244	1384552	76.507	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.857	88	71758	20.842	ng	84
3) Pyridine	3.616	79	139229	15.353	ng	# 83
4) n-Nitrosodimethylamine	3.575	42	102403	20.998	ng	92
6) Aniline	6.628	93	306983m	27.105	ng	
8) 2-Chlorophenol	6.745	128	294979	40.060	ng	93
9) Benzaldehyde	6.516	77	203678	43.263	ng	99
10) Phenol	6.587	94	157379	16.574	ng	98
11) bis(2-Chloroethyl)ether	6.698	93	347615	44.329	ng	89
12) 1,3-Dichlorobenzene	6.904	146	344780	40.978	ng	98
13) 1,4-Dichlorobenzene	6.981	146	350599	41.222	ng	98
14) 1,2-Dichlorobenzene	7.134	146	341692	42.030	ng	99
15) Benzyl Alcohol	7.098	79	242771	29.243	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.234	45	503290	40.660	ng	97
17) 2-Methylphenol	7.204	107	208917	32.617	ng	99
18) Hexachloroethane	7.481	117	129555	39.919	ng	96
19) n-Nitroso-di-n-propyla...	7.375	70	266013	43.311	ng	97
20) 3+4-Methylphenols	7.357	107	237470	29.094	ng	# 66
22) Acetophenone	7.375	105	477662	41.739	ng	# 84
24) Nitrobenzene	7.545	77	406687	43.918	ng	97
25) Isophorone	7.787	82	752931	45.170	ng	98
26) 2-Nitrophenol	7.863	139	162049	48.695	ng	93
27) 2,4-Dimethylphenol	7.892	122	278869	42.801	ng	95
28) bis(2-Chloroethoxy)met...	7.992	93	431193	41.952	ng	100
29) 2,4-Dichlorophenol	8.098	162	287256	40.926	ng	95
30) 1,2,4-Trichlorobenzene	8.186	180	324951	40.227	ng	98
31) Naphthalene	8.275	128	933450	41.829	ng	99
32) Benzoic acid	7.963	122	63902	13.518	ng	93
33) 4-Chloroaniline	8.316	127	203121	23.112	ng	95
34) Hexachlorobutadiene	8.386	225	220984	39.769	ng	97
35) Caprolactam	8.692	113	17289m	8.334	ng	
36) 4-Chloro-3-methylphenol	8.786	107	288992	39.273	ng	99
37) 2-Methylnaphthalene	8.963	142	644452	43.178	ng	99
38) 1-Methylnaphthalene	9.063	142	608849	42.263	ng	100
40) 1,2,4,5-Tetrachloroben...	9.128	216	338590	41.986	ng	# 98
41) Hexachlorocyclopentadiene	9.116	237	407016	83.787	ng	95
43) 2,4,6-Trichlorophenol	9.233	196	228401	41.717	ng	96

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44) 2,4,5-Trichlorophenol	9.269	196	233984	42.353	ng	99
46) 1,1'-Biphenyl	9.428	154	797056	42.388	ng	99
47) 2-Chloronaphthalene	9.457	162	630835	42.216	ng	99
48) 2-Nitroaniline	9.551	65	220116	47.429	ng	91
49) Acenaphthylene	9.875	152	1031603	45.387	ng	98
50) Dimethylphthalate	9.728	163	769241	43.163	ng	98
51) 2,6-Dinitrotoluene	9.792	165	165432	49.245	ng	94
52) Acenaphthene	10.045	154	675432	47.168	ng	98
53) 3-Nitroaniline	9.963	138	105833	29.821	ng	91
54) 2,4-Dinitrophenol	10.069	184	149754	89.282	ng	92
55) Dibenzofuran	10.222	168	890459	42.613	ng	98
56) 4-Nitrophenol	10.104	139	113549	40.734	ng	90
57) 2,4-Dinitrotoluene	10.198	165	221587	53.203	ng	# 78
58) Fluorene	10.563	166	673437	43.617	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.328	232	210072	43.638	ng	99
60) Diethylphthalate	10.428	149	738234	43.287	ng	98
61) 4-Chlorophenyl-phenyle...	10.551	204	362013	42.673	ng	97
62) 4-Nitroaniline	10.580	138	152846	45.729	ng	92
63) Azobenzene	10.716	77	767209	40.259	ng	97
65) 4,6-Dinitro-2-methylph...	10.604	198	98076	45.397	ng	86
66) n-Nitrosodiphenylamine	10.675	169	603245	42.822	ng	99
67) 4-Bromophenyl-phenylether	11.045	248	237417	43.735	ng	93
68) Hexachlorobenzene	11.110	284	270676	45.613	ng	97
69) Atrazine	11.198	200	228265	48.770	ng	98
70) Pentachlorophenol	11.304	266	296750	83.728	ng	96
71) Phenanthrene	11.533	178	1014238	42.797	ng	99
72) Anthracene	11.580	178	1037915	44.275	ng	98
73) Carbazole	11.733	167	918141	41.798	ng	98
74) Di-n-butylphthalate	12.063	149	1095637	41.724	ng	98
75) Fluoranthene	12.721	202	1090149	42.154	ng	99
77) Benzidine	12.839	184	89859	11.525	ng	97
78) Pyrene	12.951	202	1098720	43.558	ng	99
80) Butylbenzylphthalate	13.568	149	398502	42.431	ng	91
81) Benzo(a)anthracene	14.145	228	891713	44.696	ng	99
82) 3,3'-Dichlorobenzidine	14.104	252	239057	38.435	ng	97
83) Chrysene	14.180	228	820430	42.840	ng	99
84) Bis(2-ethylhexyl)phtha...	14.127	149	544986	41.168	ng	98
85) Di-n-octyl phthalate	14.751	149	844506	43.629	ng	# 94
87) Indeno(1,2,3-cd)pyrene	17.245	276	876628	49.550	ng	99
88) Benzo(b)fluoranthene	15.227	252	826967	45.399	ng	99
89) Benzo(k)fluoranthene	15.257	252	783451	43.365	ng	98
90) Benzo(a)pyrene	15.615	252	792800	53.547	ng	99
91) Dibenzo(a,h)anthracene	17.268	278	765191	53.382	ng	98
92) Benzo(g,h,i)perylene	17.727	276	765890	52.118	ng	99

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

