

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010422\
 Data File : BF126480.D
 Acq On : 4 Jan 2022 21:39
 Operator : JU/CG
 Sample : M5342-12MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-(10-15)MSD

Quant Time: Jan 05 02:01:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 01/05/2022
 Supervised By : Jagrut Upadhyay 01/05/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	124950	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	524198	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	239885	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	355313	20.000	ng	0.00
76) Chrysene-d12	13.945	240	188430	20.000	ng	0.00
86) Perylene-d12	15.380	264	200905	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	843200	96.910	ng	0.02
7) Phenol-d6	6.422	99	1082905	96.092	ng	0.00
23) Nitrobenzene-d5	7.351	82	693697	67.949	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	193102	104.171	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	946206	69.411	ng	0.00
79) Terphenyl-d14	12.892	244	702878	72.475	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.581	88	202205	46.343	ng	100
3) Pyridine	3.304	79	449154	38.163	ng	98
4) n-Nitrosodimethylamine	3.251	42	215569	44.550	ng	100
6) Aniline	6.445	93	277739	19.820	ng	99
8) 2-Chlorophenol	6.569	128	451279	52.008	ng	96
9) Benzaldehyde	6.334	77	290259	41.606	ng	91
10) Phenol	6.439	94	561712	44.664	ng	95
11) bis(2-Chloroethyl)ether	6.522	93	476643	49.635	ng	97
12) 1,3-Dichlorobenzene	6.728	146	431038	49.710	ng	97
13) 1,4-Dichlorobenzene	6.804	146	433408	50.075	ng	98
14) 1,2-Dichlorobenzene	6.957	146	421423	49.972	ng	96
15) Benzyl Alcohol	6.928	79	387081	49.092	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.063	45	738403	48.960	ng	99
17) 2-Methylphenol	7.045	107	364471	47.751	ng	99
18) Hexachloroethane	7.298	117	173076	50.190	ng	92
19) n-Nitroso-di-n-propyla...	7.204	70	288997	44.940	ng	98
20) 3+4-Methylphenols	7.198	107	396654	43.650	ng	# 90
22) Acetophenone	7.198	105	572321	47.227	ng	96
24) Nitrobenzene	7.369	77	474023	46.400	ng	95
25) Isophorone	7.610	82	865591	47.363	ng	99
26) 2-Nitrophenol	7.686	139	236491	52.219	ng	95
27) 2,4-Dimethylphenol	7.728	122	380741	53.766	ng	97
28) bis(2-Chloroethoxy)met...	7.822	93	559863	46.894	ng	98
29) 2,4-Dichlorophenol	7.928	162	317569	49.113	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	334609	49.653	ng	99
31) Naphthalene	8.092	128	1214807	49.099	ng	99
32) Benzoic acid	7.863	122	302931	57.350	ng	96
33) 4-Chloroaniline	8.139	127	77592	7.486	ng	95
34) Hexachlorobutadiene	8.210	225	166278	50.765	ng	98
35) Caprolactam	8.516	113	119148m	72.433	ng	
36) 4-Chloro-3-methylphenol	8.627	107	375630	47.601	ng	99
37) 2-Methylnaphthalene	8.780	142	760723	52.120	ng	98
38) 1-Methylnaphthalene	8.880	142	704644	49.934	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	260549	49.984	ng	98
41) Hexachlorocyclopentadiene	8.939	237	280290	132.069	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	191313	49.627	ng	96

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44) 2,4,5-Trichlorophenol	9.104	196	202408	48.779	ng	98
46) 1,1'-Biphenyl	9.245	154	877404	49.869	ng	99
47) 2-Chloronaphthalene	9.269	162	643380	48.279	ng	98
48) 2-Nitroaniline	9.369	65	222097	41.272	ng	88
49) Acenaphthylene	9.686	152	992648	49.113	ng	100
50) Dimethylphthalate	9.551	163	718635	47.987	ng	100
51) 2,6-Dinitrotoluene	9.610	165	165468	51.163	ng	99
52) Acenaphthene	9.857	154	689773m	52.056	ng	
53) 3-Nitroaniline	9.774	138	79071	17.832	ng	88
54) 2,4-Dinitrophenol	9.886	184	148656	88.971	ng	91
55) Dibenzofuran	10.033	168	835694	46.653	ng	98
56) 4-Nitrophenol	9.951	139	279098	88.500	ng	87
57) 2,4-Dinitrotoluene	10.016	165	206500	49.490	ng	92
58) Fluorene	10.374	166	594760	46.960	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	146324	49.130	ng	93
60) Diethylphthalate	10.251	149	685227	47.477	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	257496	46.589	ng	94
62) 4-Nitroaniline	10.392	138	165512	39.631	ng	93
63) Azobenzene	10.527	77	818823	44.046	ng	98
65) 4,6-Dinitro-2-methylph...	10.421	198	101286	52.640	ng	90
66) n-Nitrosodiphenylamine	10.486	169	550289	49.919	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	166880	52.915	ng	97
68) Hexachlorobenzene	10.921	284	198222	54.035	ng	97
69) Atrazine	11.016	200	162788	85.759	ng	99
70) Pentachlorophenol	11.116	266	185030	103.776	ng	98
71) Phenanthrene	11.333	178	897055	49.383	ng	99
72) Anthracene	11.386	178	924625	50.870	ng	100
73) Carbazole	11.539	167	812024	45.623	ng	100
74) Di-n-butylphthalate	11.874	149	1012682	49.975	ng	99
75) Fluoranthene	12.521	202	805361	48.576	ng	99
77) Benzidine	12.639	184	228242	75.397	ng	98
78) Pyrene	12.751	202	805346	50.574	ng	100
80) Butylbenzylphthalate	13.374	149	358969	50.872	ng	85
81) Benzo(a)anthracene	13.939	228	512531	47.297	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	123366	24.402	ng	97
83) Chrysene	13.974	228	551147	49.584	ng	98
84) Bis(2-ethylhexyl)phtha...	13.933	149	400154	54.720	ng	98
85) Di-n-octyl phthalate	14.545	149	746212	58.839	ng	97
87) Indeno(1,2,3-cd)pyrene	16.809	276	777899	57.856	ng	98
88) Benzo(b)fluoranthene	14.974	252	604970	50.548	ng	98
89) Benzo(k)fluoranthene	15.004	252	553699	47.758	ng	98
90) Benzo(a)pyrene	15.327	252	600661	59.856	ng	98
91) Dibenzo(a,h)anthracene	16.827	278	643266	59.290	ng	98
92) Benzo(g,h,i)perylene	17.239	276	697492	60.374	ng	97

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

