

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010422\
 Data File : BF126471.D
 Acq On : 4 Jan 2022 16:58
 Operator : JU/CG
 Sample : M5223-02MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-19-(40-45)-12-22-21MSD

Quant Time: Jan 05 01:59:36 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	6.787	152	135113	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	574292	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	264337	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	422052	20.000	ng	0.00
76) Chrysene-d12	13.951	240	222263	20.000	ng	0.00
86) Perylene-d12	15.386	264	226515	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1029406	109.411	ng	0.02
7) Phenol-d6	6.428	99	1315560	107.956	ng	0.00
23) Nitrobenzene-d5	7.351	82	868146	77.619	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	246933	120.888	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1136878	75.683	ng	0.00
79) Terphenyl-d14	12.898	244	884983	77.362	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.599	88	218043	46.214	ng	99
3) Pyridine	3.334	79	493103	38.745	ng	98
4) n-Nitrosodimethylamine	3.269	42	237200	45.333	ng	100
6) Aniline	6.439	93	13512m	0.892	ng	
8) 2-Chlorophenol	6.575	128	473451	50.459	ng	95
9) Benzaldehyde	6.334	77	326346	43.260	ng	95
10) Phenol	6.439	94	624166	45.897	ng	100
11) bis(2-Chloroethyl)ether	6.522	93	708213	68.202	ng	91
12) 1,3-Dichlorobenzene	6.728	146	458504	48.901	ng	97
13) 1,4-Dichlorobenzene	6.804	146	460694	49.224	ng	99
14) 1,2-Dichlorobenzene	6.957	146	451542	49.516	ng	97
15) Benzyl Alcohol	6.934	79	422188	49.516	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	782079	47.956	ng	96
17) 2-Methylphenol	7.051	107	389634	47.208	ng	98
18) Hexachloroethane	7.298	117	187491	50.281	ng	95
19) n-Nitroso-di-n-propyla...	7.204	70	312466	44.934	ng	96
20) 3+4-Methylphenols	7.198	107	429257	43.685	ng	# 88
22) Acetophenone	7.198	105	626029	47.153	ng	96
24) Nitrobenzene	7.369	77	516151	46.116	ng	97
25) Isophorone	7.610	82	941086	47.002	ng	99
26) 2-Nitrophenol	7.686	139	255375	51.470	ng	95
27) 2,4-Dimethylphenol	7.728	122	396016	51.045	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	606403	46.362	ng	99
29) 2,4-Dichlorophenol	7.934	162	350559	49.486	ng	97
30) 1,2,4-Trichlorobenzene	8.010	180	363545	49.241	ng	99
31) Naphthalene	8.092	128	1316279	48.559	ng	99
32) Benzoic acid	7.869	122	349466	60.014	ng	96
33) 4-Chloroaniline	8.169	127	328782	28.953	ng	95
34) Hexachlorobutadiene	8.210	225	175686	48.959	ng	98
35) Caprolactam	8.522	113	138436m	76.818	ng	
36) 4-Chloro-3-methylphenol	8.628	107	408842	47.290	ng	99
37) 2-Methylnaphthalene	8.786	142	824762	51.578	ng	98
38) 1-Methylnaphthalene	8.880	142	758027	49.031	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	277427	48.298	ng	99
41) Hexachlorocyclopentadiene	8.939	237	302264	129.248	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	211906	49.884	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	222173	48.590	ng	98
46) 1,1'-Biphenyl	9.251	154	939826	48.476	ng	99
47) 2-Chloronaphthalene	9.275	162	704512	47.976	ng	99
48) 2-Nitroaniline	9.369	65	265083	44.703	ng	92
49) Acenaphthylene	9.686	152	1075230	48.278	ng	99
50) Dimethylphthalate	9.557	163	781938	47.385	ng	100
51) 2,6-Dinitrotoluene	9.616	165	182839	51.305	ng	88
52) Acenaphthene	9.863	154	761072m	52.124	ng	
53) 3-Nitroaniline	9.780	138	161626	33.077	ng	93
54) 2,4-Dinitrophenol	9.892	184	192896	104.059	ng	89
55) Dibenzofuran	10.033	168	913789	46.294	ng	98
56) 4-Nitrophenol	9.951	139	342034	98.424	ng	94
57) 2,4-Dinitrotoluene	10.022	165	234936	51.096	ng	89
58) Fluorene	10.375	166	654398	46.890	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	167338	50.989	ng	93
60) Diethylphthalate	10.257	149	762334	47.934	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	282831	46.439	ng	95
62) 4-Nitroaniline	10.398	138	194849	42.340	ng	92
63) Azobenzene	10.527	77	915775	44.704	ng	99
65) 4,6-Dinitro-2-methylph...	10.427	198	118809	51.983	ng	91
66) n-Nitrosodiphenylamine	10.486	169	608884	46.500	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	180950	48.303	ng	95
68) Hexachlorobenzene	10.927	284	216214	49.619	ng	94
69) Atrazine	11.016	200	179355	79.546	ng	99
70) Pentachlorophenol	11.122	266	213601	100.857	ng	99
71) Phenanthrene	11.339	178	1008046	46.718	ng	100
72) Anthracene	11.386	178	1030238	47.717	ng	100
73) Carbazole	11.545	167	936900	44.315	ng	99
74) Di-n-butylphthalate	11.874	149	1185377	49.247	ng	99
75) Fluoranthene	12.521	202	934343	47.444	ng	98
77) Benzidine	12.645	184	249403	69.472	ng	98
78) Pyrene	12.751	202	950639	50.611	ng	99
80) Butylbenzylphthalate	13.374	149	437684	52.586	ng	92
81) Benzo(a)anthracene	13.939	228	584088	45.696	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	211084	35.397	ng	# 98
83) Chrysene	13.974	228	650569	49.619	ng	98
84) Bis(2-ethylhexyl)phtha...	13.933	149	483083	56.005	ng	99
85) Di-n-octyl phthalate	14.545	149	893888	59.754	ng	97
87) Indeno(1,2,3-cd)pyrene	16.809	276	768061	50.666	ng	99
88) Benzo(b)fluoranthene	14.974	252	666411	49.386	ng	98
89) Benzo(k)fluoranthene	15.004	252	646972	49.494	ng	99
90) Benzo(a)pyrene	15.333	252	658778	58.225	ng	98
91) Dibenzo(a,h)anthracene	16.827	278	650246	53.157	ng	100
92) Benzo(g,h,i)perylene	17.239	276	701037	53.820	ng	98

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

