

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021822\
 Data File : BF126950.D
 Acq On : 18 Feb 2022 13:42
 Operator : CG\JU
 Sample : PB142738BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142738BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/21/2022
 Supervised By : Jagrut Upadhyay 02/21/2022

Quant Time: Feb 18 16:17:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:55:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	109776	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	457781	20.000	ng	# 0.00
39) Acenaphthene-d10	9.975	164	234621	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	420918	20.000	ng	# 0.00
76) Chrysene-d12	14.110	240	267088	20.000	ng	# 0.00
86) Perylene-d12	15.610	264	191261	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	803791	113.168	ng	0.02
7) Phenol-d6	6.557	99	1055018	110.082	ng	0.00
23) Nitrobenzene-d5	7.498	82	749629	73.914	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	320914	118.798	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1187944	74.539	ng	0.00
79) Terphenyl-d14	13.051	244	1345654	74.064	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.828	88	98662	30.357	ng	96
3) Pyridine	3.587	79	211085	24.761	ng	91
4) n-Nitrosodimethylamine	3.551	42	167671	40.151	ng	# 73
6) Aniline	6.598	93	390631	34.400	ng	95
8) 2-Chlorophenol	6.716	128	327810	43.015	ng	98
9) Benzaldehyde	6.487	77	192235	32.952	ng	99
10) Phenol	6.575	94	409394m	42.276	ng	
11) bis(2-Chloroethyl)ether	6.669	93	315007	41.473	ng	98
12) 1,3-Dichlorobenzene	6.875	146	329178	40.043	ng	99
13) 1,4-Dichlorobenzene	6.951	146	337633	40.512	ng	99
14) 1,2-Dichlorobenzene	7.104	146	324162	40.787	ng	97
15) Benzyl Alcohol	7.075	79	325462	40.310	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.204	45	473076	39.554	ng	94
17) 2-Methylphenol	7.181	107	277859	42.142	ng	94
18) Hexachloroethane	7.445	117	132958	41.620	ng	# 90
19) n-Nitroso-di-n-propyla...	7.345	70	254208	41.163	ng	96
20) 3+4-Methylphenols	7.334	107	349929	40.871	ng	90
22) Acetophenone	7.345	105	487589	40.454	ng	# 94
24) Nitrobenzene	7.516	77	385690	40.256	ng	94
25) Isophorone	7.751	82	677820	40.389	ng	# 98
26) 2-Nitrophenol	7.834	139	171266	41.985	ng	# 85
27) 2,4-Dimethylphenol	7.863	122	298813	44.590	ng	92
28) bis(2-Chloroethoxy)met...	7.963	93	393937	38.719	ng	99
29) 2,4-Dichlorophenol	8.069	162	255872	40.613	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	273644	38.849	ng	98
31) Naphthalene	8.239	128	943659	39.489	ng	99
32) Benzoic acid	7.992	122	191784	40.354	ng	89
33) 4-Chloroaniline	8.281	127	162798	17.308	ng	96
34) Hexachlorobutadiene	8.345	225	161299	39.224	ng	99
35) Caprolactam	8.663	113	90720m	41.234	ng	
36) 4-Chloro-3-methylphenol	8.763	107	329291	40.896	ng	96
37) 2-Methylnaphthalene	8.928	142	636718	41.062	ng	96
38) 1-Methylnaphthalene	9.028	142	589559	39.704	ng	98
40) 1,2,4,5-Tetrachloroben...	9.092	216	257479	41.690	ng	99
41) Hexachlorocyclopentadiene	9.081	237	319005	95.235	ng	95
43) 2,4,6-Trichlorophenol	9.204	196	180243	39.791	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	193044	40.499	ng	94
46) 1,1'-Biphenyl	9.392	154	758241	40.791	ng	98
47) 2-Chloronaphthalene	9.422	162	545628	39.582	ng	95
48) 2-Nitroaniline	9.516	65	221215	40.667	ng	96
49) Acenaphthylene	9.839	152	905016	40.418	ng	99
50) Dimethylphthalate	9.692	163	675786	40.296	ng	99
51) 2,6-Dinitrotoluene	9.757	165	148265	43.454	ng	# 82
52) Acenaphthene	10.010	154	653623m	44.885	ng	
53) 3-Nitroaniline	9.928	138	110538	26.503	ng	99
54) 2,4-Dinitrophenol	10.033	184	155877	86.313	ng	# 85
55) Dibenzofuran	10.180	168	785814	39.244	ng	91
56) 4-Nitrophenol	10.086	139	259313	84.180	ng	# 77
57) 2,4-Dinitrotoluene	10.163	165	202239	43.838	ng	# 96
58) Fluorene	10.527	166	632648	40.561	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.298	232	153280m	40.561	ng	
60) Diethylphthalate	10.392	149	706554	40.320	ng	99
61) 4-Chlorophenyl-phenyle...	10.516	204	288174	39.182	ng	98
62) 4-Nitroaniline	10.551	138	161258	39.154	ng	# 77
63) Azobenzene	10.675	77	758470	38.870	ng	94
65) 4,6-Dinitro-2-methylph...	10.569	198	97995	39.623	ng	81
66) n-Nitrosodiphenylamine	10.633	169	545189	39.500	ng	99
67) 4-Bromophenyl-phenylether	11.004	248	184618	39.256	ng	# 88
68) Hexachlorobenzene	11.069	284	204545	40.401	ng	# 92
69) Atrazine	11.163	200	184868	43.186	ng	94
70) Pentachlorophenol	11.263	266	226644	82.006	ng	98
71) Phenanthrene	11.492	178	944818	40.103	ng	100
72) Anthracene	11.545	178	960150	40.938	ng	100
73) Carbazole	11.698	167	838085	38.965	ng	99
74) Di-n-butylphthalate	12.016	149	1091179	39.463	ng	98
75) Fluoranthene	12.680	202	915138	40.909	ng	95
77) Benzidine	12.798	184	321192	44.252	ng	98
78) Pyrene	12.910	202	931249	40.133	ng	99
80) Butylbenzylphthalate	13.521	149	436240	39.712	ng	89
81) Benzo(a)anthracene	14.098	228	711764	39.529	ng	100
82) 3,3'-Dichlorobenzidine	14.057	252	144747	25.508	ng	98
83) Chrysene	14.139	228	690047	40.753	ng	100
84) Bis(2-ethylhexyl)phtha...	14.074	149	578001	40.077	ng	# 96
85) Di-n-octyl phthalate	14.692	149	830342	39.987	ng	97
87) Indeno(1,2,3-cd)pyrene	17.151	276	542560	43.262	ng	# 86
88) Benzo(b)fluoranthene	15.168	252	615592	47.922	ng	# 94
89) Benzo(k)fluoranthene	15.198	252	525410	42.406	ng	# 95
90) Benzo(a)pyrene	15.551	252	516079	51.434	ng	# 95
91) Dibenzo(a,h)anthracene	17.174	278	460622	44.409	ng	# 91
92) Benzo(g,h,i)perylene	17.621	276	451515	44.155	ng	# 88

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

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