

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051922\
 Data File : BF128333.D
 Acq On : 19 May 2022 13:31
 Operator : CG\JU
 Sample : PB144919BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144919BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/20/2022
 Supervised By : Jagrut Upadhyay 05/20/2022

Quant Time: May 19 16:50:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 06:47:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	102206	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	391715	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	213678	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	408686	20.000	ng	0.00
76) Chrysene-d12	14.051	240	217922	20.000	ng	0.00
86) Perylene-d12	15.539	264	189290	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	787566	122.839	ng	0.01
7) Phenol-d6	6.510	99	1030415	121.511	ng	0.00
23) Nitrobenzene-d5	7.440	82	754922	86.718	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	303292	123.761	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1120970	82.085	ng	0.00
79) Terphenyl-d14	12.992	244	1287381	110.850	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.758	88	116144	40.723	ng	97
3) Pyridine	3.516	79	314358	41.547	ng	98
4) n-Nitrosodimethylamine	3.487	42	190192	50.424	ng	95
6) Aniline	6.534	93	376299	39.294	ng	97
8) 2-Chlorophenol	6.651	128	319912	48.990	ng	96
9) Benzaldehyde	6.422	77	249656	Below Cal		95
10) Phenol	6.522	94	404523	45.236	ng	86
11) bis(2-Chloroethyl)ether	6.604	93	330553	49.357	ng	97
12) 1,3-Dichlorobenzene	6.804	146	344569	46.880	ng	96
13) 1,4-Dichlorobenzene	6.881	146	349106	47.006	ng	95
14) 1,2-Dichlorobenzene	7.034	146	331792	47.408	ng	99
15) Benzyl Alcohol	7.016	79	322430	48.114	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	481329	48.466	ng	78
17) 2-Methylphenol	7.128	107	265824	47.982	ng	# 90
18) Hexachloroethane	7.375	117	136616	48.690	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	247087	47.315	ng	94
20) 3+4-Methylphenols	7.281	107	305923	44.598	ng	# 78
22) Acetophenone	7.281	105	442565	45.372	ng	# 83
24) Nitrobenzene	7.457	77	392605	48.865	ng	99
25) Isophorone	7.692	82	712506	52.206	ng	99
26) 2-Nitrophenol	7.769	139	170499	48.327	ng	97
27) 2,4-Dimethylphenol	7.804	122	296027	54.437	ng	97
28) bis(2-Chloroethoxy)met...	7.898	93	405883	47.047	ng	99
29) 2,4-Dichlorophenol	8.010	162	265471	46.436	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	295282	45.067	ng	99
31) Naphthalene	8.175	128	891028	46.058	ng	100
32) Benzoic acid	7.951	122	146087	35.923	ng	92
33) 4-Chloroaniline	8.222	127	196995	25.651	ng	97
34) Hexachlorobutadiene	8.281	225	196917	44.757	ng	97
35) Caprolactam	8.610	113	84738m	45.407	ng	
36) 4-Chloro-3-methylphenol	8.716	107	300924	47.109	ng	96
37) 2-Methylnaphthalene	8.863	142	599096	45.933	ng	99
38) 1-Methylnaphthalene	8.963	142	566401	45.214	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	296270	47.004	ng	99
41) Hexachlorocyclopentadiene	9.010	237	284131	97.438	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	184967	45.549	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	189248	43.708	ng	97
46) 1,1'-Biphenyl	9.328	154	708739	45.561	ng	100
47) 2-Chloronaphthalene	9.357	162	523032	45.364	ng	96
48) 2-Nitroaniline	9.463	65	200391	48.478	ng	98
49) Acenaphthylene	9.775	152	872765	50.047	ng	100
50) Dimethylphthalate	9.634	163	637564	46.237	ng	100
51) 2,6-Dinitrotoluene	9.704	165	143355	47.393	ng	97
52) Acenaphthene	9.945	154	635031m	52.520	ng	
53) 3-Nitroaniline	9.875	138	88052	26.851	ng	96
54) 2,4-Dinitrophenol	9.992	184	141262	84.418	ng	92
55) Dibenzofuran	10.122	168	754789	43.966	ng	99
56) 4-Nitrophenol	10.051	139	177314	77.384	ng	88
57) 2,4-Dinitrotoluene	10.110	165	189103	46.754	ng	# 61
58) Fluorene	10.463	166	581406	43.479	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	153539	41.494	ng	97
60) Diethylphthalate	10.334	149	649582	47.217	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	291753	43.750	ng	97
62) 4-Nitroaniline	10.498	138	136983	41.206	ng	90
63) Azobenzene	10.610	77	746855	49.576	ng	98
65) 4,6-Dinitro-2-methylph...	10.528	198	98872	38.655	ng	93
66) n-Nitrosodiphenylamine	10.575	169	560750	47.079	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	202369	46.025	ng	98
68) Hexachlorobenzene	11.010	284	225573	46.900	ng	97
69) Atrazine	11.104	200	197345	49.117	ng	96
70) Pentachlorophenol	11.210	266	193651	82.960	ng	98
71) Phenanthrene	11.428	178	931831	45.790	ng	99
72) Anthracene	11.480	178	944722	46.497	ng	99
73) Carbazole	11.639	167	833489	43.140	ng	99
74) Di-n-butylphthalate	11.957	149	1009939	45.406	ng	99
75) Fluoranthene	12.622	202	948299	42.982	ng	97
77) Benzidine	12.745	184	393158	83.299	ng	97
78) Pyrene	12.851	202	954990	60.438	ng	100
80) Butylbenzylphthalate	13.457	149	343573	52.301	ng	98
81) Benzo(a)anthracene	14.039	228	690920	49.637	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	117561	37.640	ng	99
83) Chrysene	14.080	228	617824	46.519	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	464502	52.333	ng	96
85) Di-n-octyl phthalate	14.627	149	730593	51.529	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	617958	53.968	ng	98
88) Benzo(b)fluoranthene	15.104	252	584685	49.828	ng	99
89) Benzo(k)fluoranthene	15.133	252	554571	47.878	ng	99
90) Benzo(a)pyrene	15.480	252	534861	56.461	ng	98
91) Dibenzo(a,h)anthracene	17.074	278	527012	56.850	ng	# 97
92) Benzo(g,h,i)perylene	17.521	276	499746	53.242	ng	96

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

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