

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053122\
 Data File : BM035326.D
 Acq On : 31 May 2022 14:16
 Operator : CG/JU
 Sample : PB145012BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB145012BSD

Quant Time: May 31 15:38:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 31 15:35:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	150182	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	569495	20.000	ng	# 0.00
39) Acenaphthene-d10	14.504	164	333355	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	614175	20.000	ng	0.00
76) Chrysene-d12	21.433	240	500818	20.000	ng	# 0.00
86) Perylene-d12	23.797	264	445372	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1002483	123.247	ng	0.00
7) Phenol-d6	7.051	99	1180412	112.076	ng	0.00
23) Nitrobenzene-d5	9.028	82	768116	74.247	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	504320	116.617	ng	0.00
45) 2-Fluorobiphenyl	13.133	172	1946486	80.973	ng	0.00
79) Terphenyl-d14	19.874	244	2477873	87.672	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.351	88	100173	31.446	ng	93
3) Pyridine	3.751	79	256480	30.947	ng	93
4) n-Nitrosodimethylamine	3.663	42	153244	37.965	ng	# 79
6) Aniline	7.198	93	412847	36.894	ng	97
8) 2-Chlorophenol	7.439	128	395324	43.190	ng	92
9) Benzaldehyde	7.010	77	38441	7.040	ng	92
10) Phenol	7.075	94	433774	42.260	ng	98
11) bis(2-Chloroethyl)ether	7.292	93	338260	42.160	ng	92
12) 1,3-Dichlorobenzene	7.757	146	446086	42.166	ng	97
13) 1,4-Dichlorobenzene	7.904	146	457652	42.356	ng	99
14) 1,2-Dichlorobenzene	8.222	146	436247	41.601	ng	97
15) Benzyl Alcohol	8.116	79	317222	42.346	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.398	45	413304	38.328	ng	93
17) 2-Methylphenol	8.322	107	302788	42.072	ng	98
18) Hexachloroethane	8.945	117	156950	42.406	ng	# 87
19) n-Nitroso-di-n-propyla...	8.681	70	253322	38.998	ng	91
20) 3+4-Methylphenols	8.651	107	403995	41.009	ng	96
22) Acetophenone	8.692	105	541408	39.949	ng	# 94
24) Nitrobenzene	9.069	77	387215	40.581	ng	97
25) Isophorone	9.604	82	682124	43.564	ng	96
26) 2-Nitrophenol	9.780	139	213235	43.310	ng	92
27) 2,4-Dimethylphenol	9.851	122	337949	49.007	ng	97
28) bis(2-Chloroethoxy)met...	10.080	93	425789	40.211	ng	99
29) 2,4-Dichlorophenol	10.328	162	373636	43.022	ng	98
30) 1,2,4-Trichlorobenzene	10.533	180	433755	41.835	ng	99
31) Naphthalene	10.716	128	1133339	40.841	ng	99
32) Benzoic acid	10.022	122	223693	36.698	ng	95
33) 4-Chloroaniline	10.833	127	237200	21.581	ng	97
34) Hexachlorobutadiene	11.004	225	283576	41.800	ng	98
35) Caprolactam	11.627	113	94364	39.597	ng	# 86
36) 4-Chloro-3-methylphenol	11.969	107	345063	39.992	ng	98
37) 2-Methylnaphthalene	12.333	142	794337	40.596	ng	98
38) 1-Methylnaphthalene	12.551	142	751658	39.297	ng	99
40) 1,2,4,5-Tetrachloroben...	12.704	216	487863	45.701	ng	# 97
41) Hexachlorocyclopentadiene	12.680	237	611993	93.761	ng	99
43) 2,4,6-Trichlorophenol	12.945	196	309428	44.479	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.021	196	325792	44.027	ng	# 94
46) 1,1'-Biphenyl	13.345	154	1047914	42.664	ng	99
47) 2-Chloronaphthalene	13.380	162	819418	43.027	ng	98
48) 2-Nitroaniline	13.592	65	197898	41.646	ng	89
49) Acenaphthylene	14.227	152	1285068	45.256	ng	99
50) Dimethylphthalate	13.968	163	976642	41.312	ng	99
51) 2,6-Dinitrotoluene	14.086	165	216472	44.606	ng	# 82
52) Acenaphthene	14.568	154	724048	41.870	ng	99
53) 3-Nitroaniline	14.415	138	126397	26.289	ng	93
54) 2,4-Dinitrophenol	14.627	184	267515	86.303	ng	# 81
55) Dibenzofuran	14.904	168	1180197	40.523	ng	95
56) 4-Nitrophenol	14.739	139	302952	81.731	ng	88
57) 2,4-Dinitrotoluene	14.874	165	284143	43.649	ng	88
58) Fluorene	15.557	166	927679	40.853	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.139	232	270937	41.368	ng	# 84
60) Diethylphthalate	15.333	149	921908	39.913	ng	97
61) 4-Chlorophenyl-phenyle...	15.551	204	517261	41.838	ng	91
62) 4-Nitroaniline	15.580	138	181684	37.415	ng	95
63) Azobenzene	15.845	77	739511	37.843	ng	90
65) 4,6-Dinitro-2-methylph...	15.645	198	164676	42.751	ng	83
66) n-Nitrosodiphenylamine	15.762	169	801212	45.295	ng	100
67) 4-Bromophenyl-phenylether	16.445	248	316624	46.106	ng	# 88
68) Hexachlorobenzene	16.562	284	352662	46.100	ng	# 89
69) Atrazine	16.721	200	285229	48.445	ng	96
70) Pentachlorophenol	16.909	266	396111	89.650	ng	99
71) Phenanthrene	17.292	178	1365872	43.285	ng	100
72) Anthracene	17.386	178	1382547	44.884	ng	99
73) Carbazole	17.656	167	1177863	40.209	ng	98
74) Di-n-butylphthalate	18.221	149	1416998	41.691	ng	99
75) Fluoranthene	19.309	202	1495796	40.471	ng	98
77) Benzidine	19.492	184	501999	49.482	ng	99
78) Pyrene	19.674	202	1512470	46.032	ng	99
80) Butylbenzylphthalate	20.574	149	563586	44.846	ng	# 88
81) Benzo(a)anthracene	21.421	228	1380818	43.599	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	392852	50.102	ng	# 98
83) Chrysene	21.474	228	1272661	42.570	ng	99
84) Bis(2-ethylhexyl)phtha...	21.350	149	803371	45.215	ng	# 96
85) Di-n-octyl phthalate	22.268	149	1281025	43.458	ng	# 94
87) Indeno(1,2,3-cd)pyrene	26.250	276	1269728	41.844	ng	95
88) Benzo(b)fluoranthene	23.086	252	1239115	46.115	ng	# 98
89) Benzo(k)fluoranthene	23.133	252	1232287	46.419	ng	# 98
90) Benzo(a)pyrene	23.697	252	1184344	53.180	ng	# 97
91) Dibenzo(a,h)anthracene	26.262	278	1114500	44.215	ng	# 96
92) Benzo(g,h,i)perylene	27.003	276	1119735	44.541	ng	# 94

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

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