

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040221\
 Data File : BM029331.D
 Acq On : 02 Apr 2021 23:15
 Operator : CG/JU
 Sample : PB135508BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB135508BS

Quant Time: Apr 03 00:56:18 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 01 16:52:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	100545	20.00	ng	0.00
21) Naphthalene-d8	10.481	136	380402	20.00	ng	0.00
39) Acenaphthene-d10	14.333	164	198278	20.00	ng	0.00
64) Phenanthrene-d10	17.069	188	373373	20.00	ng	0.00
76) Chrysene-d12	21.245	240	376334	20.00	ng	0.00
86) Perylene-d12	23.456	264	432983	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	828596	136.07	ng	0.00
7) Phenol-d6	6.875	99	1041159	121.11	ng	0.00
23) Nitrobenzene-d5	8.851	82	717741	86.50	ng	0.00
42) 2,4,6-Tribromophenol	15.822	330	266109	134.28	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1299490	91.31	ng	-0.01
79) Terphenyl-d14	19.698	244	1614531	81.49	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	99274	37.51	ng	97
3) Pyridine	3.622	79	286616	42.85	ng	98
4) n-Nitrosodimethylamine	3.540	42	166493	52.18	ng	92
6) Aniline	7.028	93	381380	40.64	ng	100
8) 2-Chlorophenol	7.263	128	298009	44.22	ng	98
9) Benzaldehyde	6.846	77	233383	43.14	ng	96
10) Phenol	6.899	94	380614	45.01	ng	99
11) bis(2-Chloroethyl)ether	7.128	93	291631	45.55	ng	98
12) 1,3-Dichlorobenzene	7.587	146	334603	45.61	ng	99
13) 1,4-Dichlorobenzene	7.734	146	337366	45.21	ng	99
14) 1,2-Dichlorobenzene	8.046	146	322779	44.97	ng	99
15) Benzyl Alcohol	7.940	79	278728	43.97	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.228	45	437367	45.58	ng	100
17) 2-Methylphenol	8.140	107	240721	43.70	ng	99
18) Hexachloroethane	8.769	117	134046	45.93	ng	96
19) n-Nitroso-di-n-propyla...	8.504	70	239650	41.23	ng	98
20) 3+4-Methylphenols	8.469	107	320457	42.91	ng	98
22) Acetophenone	8.516	105	430857	43.79	ng	# 99
24) Nitrobenzene	8.893	77	360882	42.38	ng	98
25) Isophorone	9.416	82	600105	40.42	ng	99
26) 2-Nitrophenol	9.598	139	145160	42.67	ng	96
27) 2,4-Dimethylphenol	9.663	122	252573	47.29	ng	98
28) bis(2-Chloroethoxy)met...	9.898	93	354467	46.21	ng	98
29) 2,4-Dichlorophenol	10.128	162	249208	42.14	ng	96
30) 1,2,4-Trichlorobenzene	10.345	180	278580	43.59	ng	99
31) Naphthalene	10.528	128	859871	42.89	ng	99
32) Benzoic acid	9.793	122	159677	39.57	ng	95
33) 4-Chloroaniline	10.640	127	186671	23.11	ng	99
34) Hexachlorobutadiene	10.816	225	162530	43.19	ng	99
35) Caprolactam	11.416	113	75563	40.64	ng	93
36) 4-Chloro-3-methylphenol	11.769	107	261200	41.01	ng	94
37) 2-Methylnaphthalene	12.145	142	592088	41.90	ng	99
38) 1-Methylnaphthalene	12.363	142	544316	40.72	ng	99
40) 1,2,4,5-Tetrachloroben...	12.516	216	271600	48.84	ng	# 97
41) Hexachlorocyclopentadiene	12.498	237	391465	121.34	ng	98
43) 2,4,6-Trichlorophenol	12.757	196	176734	44.78	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.828	196	193457	45.45	ng	97
46) 1,1'-Biphenyl	13.163	154	725105	47.24	ng	99
47) 2-Chloronaphthalene	13.204	162	550836	46.40	ng	99
48) 2-Nitroaniline	13.410	65	187132	47.25	ng	98
49) Acenaphthylene	14.051	152	907600	49.00	ng	100
50) Dimethylphthalate	13.798	163	642023	44.84	ng	100
51) 2,6-Dinitrotoluene	13.910	165	138044	43.31	ng	93
52) Acenaphthene	14.398	154	531653	46.43	ng	98
53) 3-Nitroaniline	14.239	138	99449	30.57	ng	98
54) 2,4-Dinitrophenol	14.445	184	154042	91.83	ng	97
55) Dibenzofuran	14.733	168	793020	44.16	ng	99
56) 4-Nitrophenol	14.551	139	267354	96.47	ng	97
57) 2,4-Dinitrotoluene	14.698	165	189204	44.83	ng	99
58) Fluorene	15.380	166	658758	44.73	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.957	232	152326	46.53	ng	96
60) Diethylphthalate	15.163	149	646302	44.19	ng	99
61) 4-Chlorophenyl-phenyle...	15.380	204	301980	44.77	ng	96
62) 4-Nitroaniline	15.398	138	151176	44.19	ng	99
63) Azobenzene	15.669	77	743140	44.16	ng	98
65) 4,6-Dinitro-2-methylph...	15.457	198	90512	37.93	ng	95
66) n-Nitrosodiphenylamine	15.592	169	550434	44.58	ng	100
67) 4-Bromophenyl-phenylether	16.269	248	163425	44.05	ng	97
68) Hexachlorobenzene	16.380	284	184268	45.23	ng	96
69) Atrazine	16.545	200	189262	45.99	ng	97
70) Pentachlorophenol	16.721	266	237067	102.04	ng	99
71) Phenanthrene	17.116	178	969757	44.91	ng	100
72) Anthracene	17.204	178	989378	46.41	ng	100
73) Carbazole	17.474	167	907908	43.60	ng	99
74) Di-n-butylphthalate	18.045	149	1061880	44.49	ng	100
75) Fluoranthene	19.127	202	1051479	43.71	ng	99
77) Benzidine	19.315	184	723248	59.25	ng	99
78) Pyrene	19.486	202	1098457	42.00	ng	100
80) Butylbenzylphthalate	20.392	149	478961	40.67	ng	92
81) Benzo(a)anthracene	21.227	228	1100039	43.80	ng	100
82) 3,3'-Dichlorobenzidine	21.168	252	284994	33.78	ng	98
83) Chrysene	21.280	228	1046115	42.54	ng	99
84) Bis(2-ethylhexyl)phtha...	21.168	149	729656	40.28	ng	99
85) Di-n-octyl phthalate	22.039	149	1281835	41.23	ng	99
87) Indeno(1,2,3-cd)pyrene	25.686	276	1607248	50.36	ng	99
88) Benzo(b)fluoranthene	22.792	252	1225321	43.09	ng	99
89) Benzo(k)fluoranthene	22.839	252	1146606	42.17	ng	100
90) Benzo(a)pyrene	23.362	252	1120052	43.08	ng	100
91) Dibenzo(a,h)anthracene	25.697	278	1350586	49.28	ng	99
92) Benzo(g,h,i)perylene	26.368	276	1318565	49.91	ng	98

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

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