

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030821\
 Data File : BM029014.D
 Acq On : 08 Mar 2021 11:54
 Operator : CG/JU
 Sample : PB135023BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB135023BS

Quant Time: Mar 08 13:01:10 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 05 13:17:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	8652	20.00	ng	0.00
21) Naphthalene-d8	10.463	136	32921	20.00	ng	#-0.01
39) Acenaphthene-d10	14.339	164	18360	20.00	ng	-0.01
64) Phenanthrene-d10	17.086	188	37591	20.00	ng	-0.01
76) Chrysene-d12	21.262	240	38722	20.00	ng	#-0.01
86) Perylene-d12	23.421	264	39471	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	57031	109.26	ng	0.00
7) Phenol-d6	6.875	99	68570	99.46	ng	0.00
23) Nitrobenzene-d5	8.845	82	36910	60.49	ng	-0.01
42) 2,4,6-Tribromophenol	15.839	330	22002	101.11	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	79726	57.81	ng	-0.01
79) Terphenyl-d14	19.715	244	105405	50.26	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.087	88	8721	44.44	ng	# 51
3) Pyridine	3.505	79	22150	42.77	ng	# 28
4) n-Nitrosodimethylamine	3.422	42	16757	57.91	ng	# 42
6) Aniline	7.010	93	20849	28.28	ng	99
8) 2-Chlorophenol	7.240	128	25150	40.56	ng	97
9) Benzaldehyde	6.822	77	6768	18.01	ng	84
10) Phenol	6.899	94	27617	40.31	ng	97
11) bis(2-Chloroethyl)ether	7.110	93	21199	40.79	ng	90
12) 1,3-Dichlorobenzene	7.557	146	28207	41.71	ng	# 94
13) 1,4-Dichlorobenzene	7.710	146	28214	41.14	ng	97
14) 1,2-Dichlorobenzene	8.022	146	26894	40.76	ng	99
15) Benzyl Alcohol	7.934	79	19911	40.39	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.210	45	36800	45.98	ng	69
17) 2-Methylphenol	8.145	107	18589	39.95	ng	94
18) Hexachloroethane	8.734	117	11071	44.43	ng	91
19) n-Nitroso-di-n-propyla...	8.493	70	16203	39.95	ng	# 47
20) 3+4-Methylphenols	8.475	107	25091	40.08	ng	93
22) Acetophenone	8.510	105	34715	43.24	ng	# 85
24) Nitrobenzene	8.892	77	25472	41.06	ng	# 87
25) Isophorone	9.410	82	41946	39.07	ng	96
26) 2-Nitrophenol	9.598	139	12613	40.25	ng	91
27) 2,4-Dimethylphenol	9.669	122	19888	42.29	ng	96
28) bis(2-Chloroethoxy)met...	9.898	93	26497	43.43	ng	# 97
29) 2,4-Dichlorophenol	10.134	162	21551	40.06	ng	99
30) 1,2,4-Trichlorobenzene	10.334	180	24142	40.92	ng	98
31) Naphthalene	10.516	128	70508	38.85	ng	100
32) Benzoic acid	9.839	122	14058	41.71	ng	# 83
33) 4-Chloroaniline	10.645	127	18007	24.68	ng	95
34) Hexachlorobutadiene	10.781	225	14610	41.30	ng	98
35) Caprolactam	11.445	113	5662	38.47	ng	# 51
36) 4-Chloro-3-methylphenol	11.792	107	21996	40.57	ng	95
37) 2-Methylnaphthalene	12.139	142	49681	38.90	ng	99
38) 1-Methylnaphthalene	12.363	142	46796	38.69	ng	98
40) 1,2,4,5-Tetrachloroben...	12.510	216	24521	42.72	ng	100
41) Hexachlorocyclopentadiene	12.475	237	27492	125.64	ng	99
43) 2,4,6-Trichlorophenol	12.769	196	15748	39.14	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	17416	40.33	ng	94
46) 1,1'-Biphenyl	13.169	154	61298	41.63	ng	99
47) 2-Chloronaphthalene	13.210	162	48878	40.66	ng	96
48) 2-Nitroaniline	13.439	65	14455	44.71	ng	92
49) Acenaphthylene	14.063	152	74543	40.38	ng	99
50) Dimethylphthalate	13.810	163	58633	42.14	ng	99
51) 2,6-Dinitrotoluene	13.945	165	13137	40.49	ng	93
52) Acenaphthene	14.404	154	44606	39.40	ng	98
53) 3-Nitroaniline	14.274	138	9045	28.62	ng	91
54) 2,4-Dinitrophenol	14.498	184	14409	86.84	ng	94
55) Dibenzofuran	14.745	168	70410	39.62	ng	95
56) 4-Nitrophenol	14.610	139	21110	81.42	ng	92
57) 2,4-Dinitrotoluene	14.739	165	17497	41.29	ng	# 76
58) Fluorene	15.392	166	57715	40.51	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.980	232	14017	40.39	ng	# 86
60) Diethylphthalate	15.180	149	59916	42.80	ng	98
61) 4-Chlorophenyl-phenyle...	15.392	204	28510	41.94	ng	# 89
62) 4-Nitroaniline	15.445	138	12062	39.47	ng	97
63) Azobenzene	15.686	77	55434	42.91	ng	# 83
65) 4,6-Dinitro-2-methylph...	15.504	198	9616	36.33	ng	# 67
66) n-Nitrosodiphenylamine	15.616	169	48987	38.10	ng	97
67) 4-Bromophenyl-phenylether	16.286	248	16097	38.16	ng	# 88
68) Hexachlorobenzene	16.392	284	18021	38.34	ng	# 91
69) Atrazine	16.568	200	14218	35.54	ng	98
70) Pentachlorophenol	16.745	266	20867	82.99	ng	98
71) Phenanthrene	17.127	178	85488	38.19	ng	100
72) Anthracene	17.221	178	88235	39.79	ng	99
73) Carbazole	17.504	167	80094	37.65	ng	99
74) Di-n-butylphthalate	18.057	149	101685	42.03	ng	100
75) Fluoranthene	19.145	202	98669	40.11	ng	98
77) Benzidine	19.345	184	35951	28.17	ng	99
78) Pyrene	19.504	202	102173	35.92	ng	98
80) Butylbenzylphthalate	20.409	149	48928	39.96	ng	# 96
81) Benzo(a)anthracene	21.245	228	104015	38.71	ng	99
82) 3,3'-Dichlorobenzidine	21.186	252	28965	31.20	ng	# 97
83) Chrysene	21.298	228	101994	38.95	ng	99
84) Bis(2-ethylhexyl)phtha...	21.174	149	74504	42.28	ng	# 95
85) Di-n-octyl phthalate	22.033	149	132686	44.38	ng	# 86
87) Indeno(1,2,3-cd)pyrene	25.580	276	122142	41.01	ng	# 92
88) Benzo(b)fluoranthene	22.780	252	108882	39.05	ng	# 98
89) Benzo(k)fluoranthene	22.821	252	107606	40.63	ng	# 98
90) Benzo(a)pyrene	23.327	252	98362	38.66	ng	# 97
91) Dibenzo(a,h)anthracene	25.586	278	104170	40.24	ng	# 95
92) Benzo(g,h,i)perylene	26.238	276	100386	40.16	ng	# 91

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

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