

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042121\
 Data File : BM029564.D
 Acq On : 21 Apr 2021 10:51
 Operator : CG/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Quant Time: Apr 21 13:07:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 21 13:05:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.651	152	64144	20.00	ng	0.00
21) Naphthalene-d8	10.428	136	263090	20.00	ng	0.00
39) Acenaphthene-d10	14.292	164	205635	20.00	ng	0.00
64) Phenanthrene-d10	17.033	188	458619	20.00	ng	0.00
76) Chrysene-d12	21.215	240	502970	20.00	ng	0.00
86) Perylene-d12	23.409	264	546628	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	65099	20.60	ng	0.00
7) Phenol-d6	6.828	99	91869	19.41	ng	0.00
23) Nitrobenzene-d5	8.804	82	98329	19.43	ng	0.00
42) 2,4,6-Tribromophenol	15.780	330	51804	18.06	ng	0.00
45) 2-Fluorobiphenyl	12.910	172	291051	19.22	ng	0.00
79) Terphenyl-d14	19.662	244	503173	18.88	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.181	88	13896	11.16	ng	# 95
3) Pyridine	3.605	79	29242	9.16	ng	94
4) n-Nitrosodimethylamine	3.511	42	14820	9.43	ng	# 93
6) Aniline	6.981	93	52193	10.03	ng	98
8) 2-Chlorophenol	7.216	128	40301	10.26	ng	100
9) Benzaldehyde	6.799	77	29601	11.00	ng	97
10) Phenol	6.851	94	45606	10.03	ng	97
11) bis(2-Chloroethyl)ether	7.087	93	37013	10.47	ng	98
12) 1,3-Dichlorobenzene	7.540	146	47684	10.43	ng	99
13) 1,4-Dichlorobenzene	7.687	146	49393	10.53	ng	99
14) 1,2-Dichlorobenzene	7.998	146	49504	10.65	ng	97
15) Benzyl Alcohol	7.893	79	31984	9.21	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.187	45	48739	10.65	ng	99
17) 2-Methylphenol	8.093	107	31173	9.71	ng	97
18) Hexachloroethane	8.716	117	17421	10.16	ng	99
19) n-Nitroso-di-n-propyla...	8.457	70	34024	9.79	ng	100
20) 3+4-Methylphenols	8.422	107	43930	9.85	ng	98
22) Acetophenone	8.469	105	62483	9.91	ng	97
24) Nitrobenzene	8.845	77	52234	10.18	ng	96
25) Isophorone	9.369	82	92442	9.54	ng	99
26) 2-Nitrophenol	9.551	139	19130	8.44	ng	89
27) 2,4-Dimethylphenol	9.616	122	33985	9.80	ng	97
28) bis(2-Chloroethoxy)met...	9.851	93	46139	9.60	ng	99
29) 2,4-Dichlorophenol	10.081	162	42934	9.36	ng	97
30) 1,2,4-Trichlorobenzene	10.292	180	51675	9.85	ng	97
31) Naphthalene	10.481	128	132494	9.78	ng	99
32) Benzoic acid	9.704	122	14639	5.38	ng	# 84
33) 4-Chloroaniline	10.598	127	49079	9.08	ng	99
34) Hexachlorobutadiene	10.763	225	32918	9.75	ng	96
35) Caprolactam	11.369	113	11882	8.62	ng	# 80
36) 4-Chloro-3-methylphenol	11.722	107	42982	9.55	ng	98
37) 2-Methylnaphthalene	12.098	142	107664	9.98	ng	98
38) 1-Methylnaphthalene	12.316	142	104089	10.03	ng	98
40) 1,2,4,5-Tetrachloroben...	12.469	216	58746	9.56	ng	100
41) Hexachlorocyclopentadiene	12.451	237	28920	8.62	ng	96
43) 2,4,6-Trichlorophenol	12.716	196	38912	9.11	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.786	196	43615	9.26	ng	98
46) 1,1'-Biphenyl	13.122	154	148164	9.81	ng	98
47) 2-Chloronaphthalene	13.157	162	118432	9.87	ng	99
48) 2-Nitroaniline	13.369	65	25868	8.70	ng	94
49) Acenaphthylene	14.010	152	178601	9.68	ng	99
50) Dimethylphthalate	13.751	163	153912	9.90	ng	99
51) 2,6-Dinitrotoluene	13.869	165	32446	9.43	ng	99
52) Acenaphthene	14.351	154	113935	9.90	ng	100
53) 3-Nitroaniline	14.204	138	24126	8.46	ng	94
54) 2,4-Dinitrophenol	14.410	184	13522	7.23	ng	90
55) Dibenzofuran	14.692	168	191810	9.89	ng	99
56) 4-Nitrophenol	14.516	139	18910	7.59	ng	93
57) 2,4-Dinitrotoluene	14.657	165	41501	8.85	ng	90
58) Fluorene	15.339	166	155242	9.49	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.916	232	39689	9.38	ng	98
60) Diethylphthalate	15.121	149	150495	9.74	ng	98
61) 4-Chlorophenyl-phenyle...	15.339	204	79141	9.56	ng	96
62) 4-Nitroaniline	15.363	138	25497	8.58	ng	95
63) Azobenzene	15.633	77	141019	9.69	ng	98
65) 4,6-Dinitro-2-methylph...	15.421	198	23559	7.63	ng	96
66) n-Nitrosodiphenylamine	15.551	169	135617	9.57	ng	99
67) 4-Bromophenyl-phenylether	16.233	248	46221	9.44	ng	96
68) Hexachlorobenzene	16.345	284	52697	9.63	ng	96
69) Atrazine	16.504	200	48542	9.46	ng	99
70) Pentachlorophenol	16.686	266	28569	8.03	ng	93
71) Phenanthrene	17.074	178	258861	9.87	ng	99
72) Anthracene	17.163	178	249331	9.62	ng	99
73) Carbazole	17.439	167	232350	9.54	ng	99
74) Di-n-butylphthalate	18.010	149	242617	8.95	ng	99
75) Fluoranthene	19.092	202	307164	9.56	ng	98
77) Benzidine	19.286	184	101758	9.54	ng	99
78) Pyrene	19.451	202	323150	10.04	ng	99
80) Butylbenzylphthalate	20.362	149	112332	9.09	ng	99
81) Benzo(a)anthracene	21.198	228	329142	9.88	ng	99
82) 3,3'-Dichlorobenzidine	21.139	252	99268	9.21	ng	99
83) Chrysene	21.251	228	322131	9.84	ng	98
84) Bis(2-ethylhexyl)phtha...	21.139	149	176133	8.72	ng	96
85) Di-n-octyl phthalate	22.009	149	305041	8.93	ng	98
87) Indeno(1,2,3-cd)pyrene	25.609	276	401086	9.39	ng	99
88) Benzo(b)fluoranthene	22.750	252	344486	9.61	ng	100
89) Benzo(k)fluoranthene	22.797	252	335917	9.58	ng	99
90) Benzo(a)pyrene	23.315	252	318232	9.55	ng	98
91) Dibenzo(a,h)anthracene	25.621	278	336306	9.13	ng	100
92) Benzo(g,h,i)perylene	26.285	276	329260	9.64	ng	99

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

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